EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

May 7, 2012

Ms. Kimberly N. Tisa
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: SORR07-2
Boston, MA 02109-3912

RE: Response to Comments for the Self-Implementing On-Site Cleanup and Disposal Plan, PCB-Containing Caulk, Window Glazing, and Soil
903 Farmington Avenue
Southington, Connecticut
Eagle Project No. 11-015.14A

Dear Ms. Tisa:

Attached is the response to correspondence by Ms. Katherine Woodward dated May 4, 2012 following the review of the revised Self-Implementing On-Site Cleanup and Disposal Plan (SIP) for 903 Farmington Avenue located in Berlin, CT. The Notification and abatement specification have been revised in response to the comments. Should you have any further questions, please feel free to contact us. We are looking forward to your final approval of this Notification.

Sincerely,
Eagle Environmental, Inc.

Ashis Roychowdhury
Executive Vice President

\\Eagle-server\public\2011 Files\2011 Specs\Berlin, Town of\903 Farmington Avenue\903 Farmington Ave. EPA and Eagle Responses\903 Framington Ave- response cover letter 5-7-12.doc

531 NORTH MAIN STREET • BRISTOL, CT 06010
PHONE (860) 589-8257 • FAX (860) 585-7034

Response to EPA Comments – May 4, 2012
903 Farmington Ave, Berlin, CT

A. NOTIFICATION

1. Please see the photographs attached as Diagram 2-5 of the revised Notification depicting configuration of caulk/substrate joints.

2. Page 9, Section 2.2.4

   a. Yes, these items are present. Table in Section 2.2.4 of the Notification has been modified to include this. Also, the corresponding table in Section 3, page 2 of the Technical Specification has been modified.
   b. Cleaning and remediation of the I-beams and lintels have been added in Section 3.6 D, page 15 of the Technical Specification.

3. Page 11, Section 3, Item 3.c

   Removal of Course 1 brick and mortar in contact with grey crack caulk has been added. This is now consistent with Section 3.4 B on page 14 of the Technical Specification.

4. Page 13, Section 3.2, Item 3

   The removal of soil up to a depth of 4 inches has been included in this section.

5. Building Figures

   There were no caulks found on the doors. There was black foundation seam caulk that was sampled and analyzed as "None Detected" for PCB (sample #s 2/28 PCB 13, 14 & 15). These samples were listed in Diagram 2-1 (PCB-SO-1) and also listed in Table 1.1.1 in Appendix A.

B. TECHNICAL SPECIFICATION

6. Page 14

   a. Section 3.4.B
   You are right. The reference has been corrected in Section 3.4.B.

   b. Section 3.6.C
   i) Your observation is correct. Concrete in contact with grey caulk will only be removed from Façade D and course 1 brick and mortar in contact with

crack and seam caulk shall be removed from all the sides of the building except Façade C.

ii) Item 3: We need to determine the most cost-effective and safest way to remove these materials. This will be explained in Contractor's Health & Safety Plan to be submitted later.

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SELF-IMPLEMENTING ON-SITE CLEANUP AND DISPOSAL PLAN FOR PCB-CONTAINING EXTERIOR WINDOW CAULK, WINDOW GLAZING COMPOUND, SEAM CAULK, AND SOIL

903 Farmington Avenue
Berlin, Connecticut

Town of Berlin
240 Kensington Road
Berlin, CT

March 28, 2012
Revised: May 7, 2012

EAGLE ENVIRONMENTAL, INC.
531 North Main Street
Bristol, CT 06010

EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

March 28, 2012
Revised: May 7, 2012

Ms. Kimberly N. Tisa/Ms. Katherine Woodward
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: SORR07-2
Boston, MA 02109-3912

RE: Self Implementing On Site Cleanup and Disposal Plan
PCB-Containing Exterior Window Caulk,
Window Glazing Compound, Seam Caulk, and Soil
903 Farmington Avenue
Berlin, Connecticut
Eagle Project #11-015.14A

Dear Ms. Tisa and Ms. Woodward:

Eagle Environmental, Inc. (Eagle) is submitting this revised Self Implementing On-Site Cleanup and Disposal Plan for PCB-containing exterior window caulk and glazing compound, seam caulk, and soil/gravel at the former Kensington Furniture Company Warehouse located at 903 Farmington Avenue in Berlin, Connecticut in accordance with the notification requirement Section 761.61(a) (3) of USEPA Regulation 40 CFR Part 761. The building is presently vacant and is slated for demolition without re-occupancy.

The original plan has been revised in response to EPA Comments for 903 Farmington Ave, Berlin, emailed Friday, May 04, 2012 11:13 AM by Ms. Katherine Woodward.

Should you have any questions with regard to the plan please contact the undersigned, Ashis Roychowdhury, at (860) 589-8257 x209. We are looking forward to your review and formal approval of this Plan.

Sincerely,
Eagle Environmental, Inc.

John Terrill (AK)
John Terrill
Sr. Environmental Consultant

Ashis Roychowdhury
Executive Vice President

Cc: Gary Trombley, CT Department of Environmental Protection
James Mahoney, Town of Berlin

\\Eagle-server\public\2011 Files\2011 Specs\Berlin, Town of\903 Farmington Avenue\903 Farmington Ave. REVISED PCB PLAN 5.7.12\REVISED 5-7-12.docx

Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB-Containing Window Caulk, Window Glazing Compound, Seam Caulk, and Soil Former Kensington Furniture Company Warehouse 903 Farmington Avenue, Berlin, Connecticut

Diagrams

Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB-Containing Exterior Window Caulk, Window Glazing Compound, Seam Caulk, and Soil Former Kensington Furniture Company Warehouse 903 Farmington Avenue, Berlin, Connecticut

Appendices

SELF-IMPLEMENTING ON-SITE CLEAN UP AND DISPOSAL PLAN
PCB-CONTAINING EXTERIOR WINDOW CAULK,
WINDOW GLAZING COMPOUND, SEAM CAULK, AND SOIL
FORMER KENSINGTON FURNITURE COMPANY WAREHOUSE
903 FARMINGTON AVENUE, BERLIN, CONNECTICUT

This Self-Implementing On-Site Cleanup and Disposal Plan (SIP) has been organized into the following sections:

Section 1: Introduction & Background

This section includes the project introduction, building description, and project objectives.

Section 2: Site Characterization

The Site Characterization section provides a summary of the sampling performed to delineate the nature and extent of PCB presence as required and in accordance with 40 CFR Part 761.61 (a) (3) (A-C). The section also includes the nature of the contamination including types of materials; a summary of procedures used to sample the source material, adjacent substrates, and the location and extent of the identified contaminated areas.

Section 3: Remediation Plan

The remediation Plan includes a discussion of how the remedial objectives defined in Section 1.2 shall be met and the remediation approach and the clean up criteria to be met. The remediation plan is submitted in accordance with 40 CFR Part 761.61 (a) (3) (D).

Section 4: Schedule and Plan Certification

Under this section, the proposed scheduling for implementing this phase of remediation work and reporting is provided. This section also includes the written certification signed by the owner of the property and the other responsible parties responsible for the remediation, clean up and disposal in accordance with 40 CFR Part 761.61 (a) (3) (E).

SECTION 1: INTRODUCTION & BACKGROUND

The Town of Berlin (Town) has retained Eagle Environmental Inc. (Eagle) to prepare a plan to comply with the United States Department of Environmental Protection (USEPA) requirements for notification of a Self-Implementing On-Site Cleanup and Disposal Plan (SIP) in accordance with USEPA Regulation 40 CFR 761.61 (a) (3) for the removal of PCB-containing exterior window frame caulk, exterior building seam caulk, and adjacent contaminated porous substrates and soil/gravel.

Window glazing compound containing less than fifty (50) ppm PCB and adjacent contaminated porous substrates will also be removed under this plan to accommodate State regulatory requirements. The site includes the former Kensington Furniture Company Warehouse located at 903 Farmington Avenue in Berlin, Connecticut (subject site).

During the course of the site characterization, caulks with concentrations of polychlorinated biphenyl (PCB) in excess of fifty (50) parts-per-million (ppm) were identified at the exterior metal window frame caulk (grey) and at exterior building seam caulk (grey) including the foundation seams, wall seams and cracks, an expansion joint, metal lintel, and I-beams.

PCB greater than one (1) ppm but less than fifty (50) ppm was identified in window glazing compound on exterior metal window sashes. PCB greater than fifty (50) ppm was identified in the brick/mortar and concrete adjacent to the caulk around exterior windows and also in building joints, seams, and cracks. PCB greater than one (1) ppm but less than fifty (50) ppm was identified in five (5) localized areas of exterior soil/gravel.

The owner intends to remove the existing caulk and glazing compounds and contaminated porous substrate materials and soil prior to the demolition of the building. This work will include the removal of the regulated unauthorized PCB window caulk, the excluded window glazing compound and all contaminated (greater than one (1) ppm PCB) porous substrate materials and soil/gravel.

As the building is currently vacant, the contracting and implementation of this PCB removal and disposal project will proceed upon approval of the Plan. A Site Location Plan (SP-1) is attached as Diagram 1-1.

1.1 Building Description

The subject building located at 903 Farmington Avenue in Kensington, Connecticut is a single story steel and masonry structure with flat roofs. The structure was reportedly constructed in 1948 and is approximately 19,700 square feet. The mechanical equipment consists of an oil fired tube boiler with a steam fired radiant system with recessed cast iron radiators. The interior walls and ceilings are constructed of both two coat plaster on metal lath and of sheetrock and joint compound construction. The window frames and sashes are of metal construction. The doors and door frames are of metal and wood construction. The floors are finished with various types of resilient flooring. The exterior facades are clad with both brick and concrete block. Please see building floor plan and work area diagram in Figure 1-2 (BP-1). The building is presently vacant and is slated for demolition without re-occupancy.

1.2 Project Objectives

The objective of the remediation work is to remove PCB containing exterior window caulk, window frames and seam caulk containing greater than fifty (50) ppm PCB as "PCB Bulk Product Waste".

Substrates including brick, mortar, and concrete containing greater than or equal to fifty (50) ppm PCB or contaminated by greater than or equal to fifty (50) ppm PCB will be removed and disposed of as PCB Remediation Waste greater than fifty (50) ppm. Steel lintels and I-beams are assumed to contain greater than fifty (50) ppm and will be cleaned.

Window glazing compounds and window sashes greater than one (1) but less than fifty (50) ppm PCB will be removed as PCB Remediation Waste less than fifty (50) ppm.

Substrates including brick, mortar, and concrete containing PCB greater than one (1) ppm but less than fifty (50) will be removed and disposed of PCB Remediation Waste less than fifty (50) ppm.

Soil in five (5) limited exterior areas that were found to contain PCB greater than one (1) but less than fifty (50) ppm will be removed and disposed of as PCB Remediation Waste less then fifty (50) ppm.

Refer to Appendix D for the performance specifications to be implemented by the abatement contractor.

SECTION 2: SITE CHARACTERIZATION

This section provides a summary of the sampling performed to delineate the nature and extent of PCB presence as required and in accordance with 40 CFR Part 761.61 (a) (3) (A-C). The section also includes the nature of the contamination including types of materials; a summary of the standard procedures used to sample the source materials and adjacent porous substrates (brick/mortar, concrete, soil/gravel), and the location and extent of contaminated materials.

A phased sampling strategy was executed to assess source materials and adjacent porous substrates and soil. The initial site characterization of source materials, including caulk and glazing compounds, was performed by Eagle Environmental, Inc. of Bristol, Connecticut (Eagle) on December 8, 2010.

Eagle conducted sampling of soil and adjacent porous exterior substrates, including brick/mortar and concrete, on April 18 and May 9, 2011. Additional sampling of source, substrate materials, and soil was conducted by Eagle on February 28 and March 6, 2012.

Diagrams depicting the sampling locations of source materials, adjacent porous substrates and soil are attached as Diagram 2-1 (PCB-SO-1), Diagram 2-2 (PCB-SU-1), and Diagram 2-3 (PCB-SL-1) respectively.

2.1 Sample Collection and Analysis

Sampling of Source Material

Sampling of source materials including caulks and glazing compounds was conducted by Eagle representatives Aaron Hatcher, on December 8, 2010, and by John Terrill, on February 28, 2012 in accordance with 40 CFR 761 Subpart N.

Prior to sample collection, the sampler donned disposable nitrile gloves and other PPE as required. Sample collection involved removal of bulk source materials using clean knife or scraper. The knife or scraper utilized to collect samples was washed with soap and water and then decontaminated using hexane between successive sampling to avoid cross contamination of samples.

Bulk samples of source materials were collected, placed in clean, labeled four (4) ounce glass jars, sealed with a Teflon lined cap, and delivered to the laboratory under proper chain of custody.

The samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain-of-Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The concentrations of PCB in the source samples are summarized below:

- Grey caulk on exterior metal window frames: 4.8 to 52,000 ppm;
- Grey caulk at foundation seams, expansion joints, and cracks in exterior walls: 5.4 to 38,000 ppm;
- Grey glazing compound on exterior metal window sashes: None Detected (ND) to 2.4 ppm; and,
- Black foundation seam caulk: ND.

The sample numbers, locations, material description, and analytical results are summarized in Table I. Table I, sample results, and chain of custody forms are attached as Appendix A. Sample locations are indicated in Appendix A and Diagram 2-1 (PCB-SO-1) attached.

Sampling of Porous Substrates

Sampling of porous substrates adjacent to caulks containing PCB included brick/mortar, concrete, and asphalt.

Eagle representative, Aaron Hatcher, conducted the initial substrate sampling on April 18, 2011. Eagle representatives, Ben Silverman and James Webb, conducted additional sampling on May 9 and June 2, 2011 following the procedures outlined in US EPA "Draft Standard Operating Procedures for Sampling Concrete in Field" (dated December 30, 1997).

Eagle representative John Terrill conducted additional substrate sampling on February 28 and March 6, 2012 following the procedures outlined in US EPA "Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs) Revision 4, May 5, 2011" and 40 CFR 761 Subpart N.

Course 1 Sampling

Prior to sample collection, the sampler donned disposable nitrile gloves and other PPE as required. A set of substrate samples were collected at a location approximately zero (0) to one-half (1/2) inches from pre-existing caulk lines to a depth of approximately one-half (1/2) inch using a mechanical hammer drill. These samples were called "Course 1" samples.

Course 1 sampling involved the complete removal of bulk product materials (source materials) at sampling locations using hand tools. The intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of the source material was performed, the porous surfaces were cleaned using a hard bristle brush and the surface was rinsed with water and allowed to dry. Holes were drilled into the substrate to obtain enough material for analysis. The drill bit was washed with soap and water and then decontaminated using hexane between successive samplings.

The concentrations of PCB in the Course 1 substrate samples are summarized below:

- Exterior brick adjacent to metal window frame caulk: ND to 160 ppm;
- Exterior mortar adjacent to metal window frame caulk: ND to 320 ppm;
- Exterior brick adjacent to foundation seam caulk: not sampled see course 2 results below (course 1 brick adjacent to foundation seam caulk was not sampled because it was determined that the brick would have to be removed in order to remove the source and residual foundation seam caulk);
- Exterior mortar adjacent to foundation seam caulk: ND to 25 ppm;
- Exterior concrete adjacent to foundation and expansion seam caulk Façade D: 69 ppm;
- Exterior concrete adjacent to foundation and expansion seam caulk Façade B: ND;
- Exterior asphalt adjacent to foundation seam caulk: ND to 0.69 ppm;
- Exterior brick adjacent to expansion joint caulk: not sampled see course 2 results below (course 1 brick adjacent to expansion joint caulk was not sampled because it was determined that the brick would have to be removed in order to remove the source and residual expansion joint caulk);

- Exterior mortar adjacent to expansion joint caulk: not sampled see course 2 results below (course 1 mortar adjacent to expansion seam caulk was not sampled because it was determined that the mortar would have to be removed in order to remove the source and residual expansion joint caulk); and,
- Steel lintels and I-beams adjacent to seam caulk: not sampled, assumed greater than fifty (50) ppm PCB.

The sample numbers, locations, material description and analysis results are summarized in Table 2.1.2. The summary table, sample results and chain of custody forms are attached as Appendix B. Diagram 2-2 (PCB-SU-1) identifies sample locations.

Course 2 Sampling

A second set of substrate samples were collected at a location approximately four and one-half (4-1/2) inches from the pre-existing source or just beyond the first vertical mortar line for brick/mortar, and approximately four and one-half (4-1/2) inches from the pre-existing source for concrete. These samples were called "Course 2" samples. The samples were collected to a depth of approximately one-half (1/2) inch using a mechanical hammer drill to obtain enough material for analysis. The drill bit was washed with soap and water and then decontaminated using hexane between successive sampling.

The substrate samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The concentrations of PCB in the Course 2 substrate samples are summarized below:

- Exterior brick adjacent to metal window frame caulk on Facades A and D: ND;
- Exterior mortar adjacent to metal window frame caulk on Facades A and D: ND;
- Exterior brick adjacent to metal window frame caulk on Façade B: ND to 19 ppm;
- Exterior mortar adjacent to metal window frame caulk on Façade B: ND to 0.86 ppm;
- Exterior brick adjacent to foundation seam caulk: ND;
- Exterior mortar adjacent to foundation seam caulk: ND;
- Exterior concrete adjacent to foundation seam caulk: ND

The sample numbers, locations, material description and analysis results are summarized in Table II. Table II, sample results, and chain of custody forms are attached as Appendix B. Sample locations are indicated in Diagram 2-2 (PCB-SU-1).

Course 3 Sampling

A third set of substrate samples were collected at a location approximately eight and one-half (8-1/2) inches from the pre-existing source or just beyond the second vertical mortar line for brick/mortar. These samples were called "Course 3" samples. The samples were collected to a depth of approximately one-half (1/2) inch using a mechanical hammer drill to obtain enough material for analysis. The drill bit was washed with soap and water and then decontaminated using hexane between successive sampling.

The substrate samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082. The concentrations of PCB in the Course 3 substrate samples are summarized below:

- Exterior brick adjacent to metal window frame caulk on Façade B: ND; and,
- Exterior mortar adjacent to metal window frame caulk on Façade B: ND.

The sample numbers, locations, material description and analysis results are summarized in Table II. Table II, sample results, and chain of custody forms are attached as Appendix B. Sample locations are indicated in Diagram 2-2 (PCB-SU-1).

A detailed drawing indicating the substrate sampling protocol (PCB-D) has been attached as Diagram 2-4.

Sampling of Exterior Soil

The initial sampling of exterior soil was conducted at the west side (Area 1) of the building by Eagle Environmental representative, James Webb, on April 18, 2011.

The soil samples were collected along co-linear grid lines at eight (8) inches, sixteen (16) inches, and twenty-four (24) inch from the exterior building foundation. One (1) composite sample of soil was prepared at each of these intervals from a set of three (3) sub-samples distributed over the front length of the building. The sample collection tool was washed with soap and water and then decontaminated using hexane between successive sampling.

Additional sampling to characterize soil/gravel along the south side of the building (Areas 2 through 7) was conducted on February 28, 2012 by Eagle representative, John Terrill, following the procedures outlined in 40 CFR 761 Subpart N.

A grid plot consisting of approximately three (3) meter grid intervals was laid out over the soil sampling areas. Sub-samples of the soil were collected at each grid point to a depth of approximately four (4) inches below the surface. Six (6) adjacent (sub) samples were composited and submitted to the laboratory as a single sample. The area composited into a single sample consisted of six (6) grid points, with three (3) co-linear grid points bounding the sides parallel to the building and two (2) grid points bounding the sides perpendicular to the building. The approximate area encompassed by each composite sample was twenty-seven (27) square meters.

The reported laboratory results for the composited samples were multiplied by the number of sub-sampled comprising the composited sample to calculate the “corrected results” in order to compensate for potential dilution resulting from the compositing procedure.

A garden hand spade was used to loosen the soil. Tools were washed with soap and water then decontaminated using clean hexane between each set of composite samples to avoid cross contamination. Disposable plastic scoops were used to collect the samples.

Prior to sample collection, the sampler donned disposable nitrile gloves and other PPE as required. Each component subsample comprising the composite sample was collected as described above. The subsamples were thoroughly mixed to result in a visibly homogenous composite sample. One scoop of the composite sample were placed in a labeled, clean, four (4)

ounce glass jar and sealed with a Teflon-lined cap for submittal to the laboratory. The scoops and gloves were disposed of after each composite sample collection avoid cross contamination.

Samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The "corrected results" for the PCB in Soil samples are summarized below:

- Exterior Soil Composite Sample in Area 1 @ 8": ND;
- Exterior Soil Composite Sample in Area 1 @ 16": ND;
- Exterior Soil Composite Sample in Area 1 @ 24": ND;
- Exterior Gravel Composite Sample in Area 2: 1.98 ppm;
- Exterior Gravel Composite Sample in Area 3: ND;
- Exterior Gravel Composite Sample in Area 4: 3.24 ppm;
- Exterior Soil Composite Sample in Area 5: 8.4 ppm;
- Exterior Soil Composite Sample in Area 6: 3.06 ppm; and,
- Exterior Soil Composite Sample in Area 7: 10.2 ppm.

The sample numbers, locations, material description and analysis results are summarized in Table III. Table III, sample results, and chain of custody forms are attached as Appendix B. Sample locations are indicated in Diagram 2-3 (PCB-SO-1).

2.2 Site Characterization

The caulk and glazing sources, the porous substrates, and the soils are characterized in the following sections based on conclusions drawn from the analytical results and site observations. Window glazing compound (and associated sashes) will be handled and disposed of as if they were PCB Remediation Waste less than fifty (50) ppm to simplify waste classification, accommodate state regulatory requirements, and facilitate remediation.

2.2.1 Characterization of Source Materials

A summary of the characterization of source materials containing PCB greater than one (1) ppm is presented below:

- Grey window glazing compound on (and including) exterior steel window sashes: PCB Remediation Waste less than fifty (50) ppm;
- Grey caulk on (and including) exterior metal window frames: Mixed Regulated Asbestos - PCB Bulk Product Waste;
- Grey caulk on exterior foundation and wall seams and cracks: Mixed Regulated Asbestos - PCB Bulk Product Waste; and,
- Grey caulk on exterior expansion joint: Mixed Regulated Asbestos - PCB Bulk Product Waste.

2.2.2 Characterization of Substrate Materials

Brick, mortar, and concrete greater than or equal to fifty (50) ppm PCB will be disposed of PCB Remediation Waste greater than fifty (50) ppm.

Brick and mortar containing PCB greater than one (1) but less than fifty (50) that is in contact with caulk containing greater than or equal to fifty (50) ppm PCB will be assumed to be contaminated and will be disposed of PCB Remediation Waste greater than fifty (50) ppm to negate the need for residual source caulk cleaning and to facilitate the remediation.

Non-porous steel lintels and I-beams in contact with caulk greater than fifty (50) ppm will be cleaned to a criteria of less than ten (10) micrograms per one-hundred (100) square centimeters.

A summary of the characterization of porous substrates in contact with sources containing PCB greater than one (1) ppm is presented below:

- Course 1 brick and mortar in contact with grey exterior window caulk: Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm;
- Course 1 brick and mortar in contact with grey exterior foundation and seam caulk: Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm;
- Course 1 concrete in contact with grey foundation seam caulk on Side D (the concrete in contact with the foundation seam caulk on Side B is not contaminated); Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm;
- Course 1 brick, mortar, and concrete in contact with grey exterior expansion joint caulk: Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm; and,
- Course 2 brick and mortar adjacent to grey exterior window frame caulk on Side B: PCB Remediation Waste less than fifty (50) ppm.

2.2.3 Characterization of Exterior Soil

A summary of the characterization of soil containing PCB greater than one (1) ppm is presented below:

- Exterior Soil/Gravel in Areas 2, 4, 5, 6, and 7: PCB Remediation Waste less than fifty (50) ppm.

2.2.4 Summary of Site Characterization

A summary of the site characterization including types of source materials, associated substrates, and quantities is presented in Table 2.2.4 below:

Source Material	Locations	PCB ppm	Quantity	Associated Substrate	PCB ppm (designation)	Quantity
Grey window glazing compound	Exterior metal window sashes	<50	329 LF	Metal/glass sashes	<50	47 sashes
Grey window frame caulk	Exterior metal window frames Facades A and D	≥50	127 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	127 LF
	Exterior metal window frames Façade B	≥50	12 LF	Brick/Mortar	Course 1: ≥50 Course 2: <50 Course 3: ND	12 LF
Grey foundation seam caulk	Foundation seams Facade B	≥50	12 LF	Concrete	Course 1: ND	N/A
	Foundation seams Facade D	≥50	48 LF	Concrete	Course 1: ≥50 Course 2: ND	119 LF
	Foundation seams Facades B and D			Brick/Mortar	Course 1: ND	24 LF
Grey wall seam/crack caulk	Exterior walls Facades A, B and D	≥50	49 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	26 LF
				Steel lintels/I-beams	Assumed ≥50	23 LF

Source Material	Locations	PCB ppm	Quantity	Associated Substrate	PCB ppm (designation)	Quantity
Grey expansion joint caulk	Expansion joint Façade D	≥50	1 LF	Concrete	Course 1: ≥50 Course 2: ND	1 LF
	Expansion joint Façade D	≥50	20 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	40 LF
Soil/Gravel	Façade D, Area 2			Soil/Gravel	< 50	70 CF
	Façade D, Area 4				< 50	70 CF
	Façade D, Area 5				< 50	70 CF
	Façade D, Area 6				< 50	70 CF
	Façade D, Area 7				< 50	70 CF

Disposable cleaning and abatement equipment, tools, and supplies such as containment barriers, rags, disposable protective clothing, etc. used in the remediation of PCB Bulk Product Wastes, Mixed Regulated Asbestos – PCB Bulk Product Waste, or PCB Remediation Waste greater than or equal to fifty (50) ppm shall be handled and disposed of as Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm.

Disposable cleaning and abatement equipment, tools, and supplies such as containment barriers, rags, disposable prottective clothing, etc. used in the remediation of the window glazing compounds and sashes, the course 2 brick and mortar on Side B of the building, and the soil may be disposed of as PCB Remediation Waste less than fifty (50) ppm.

SECTION 3 – REMEDIATION PLAN

The work described in this SIP shall meet the objectives identified in section 1.2 Project Objectives in accordance with 40 CFR Part 761. The remediation work shall be performed to ensure compliance with EPA Toxic Substance Control Act (TSCA) requirements and protect both public health and the environment.

Materials classified as PCB Bulk Product Waste and PCB Remediation Waste will be properly removed and disposed of in compliance with federal and state regulatory requirements. For the purposes of this section, materials classified as PCB Bulk Product Waste will include PCB Remediation Waste greater than or equal to fifty (50) ppm to simplify the characterization of the waste streams with regard to handling, transportation, and disposal requirements.

The proposed remediation activities to be performed by the remediation contractor shall include the following:

1. Site preparation and controls to facilitate remediation of PCB;
2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements;
3. Removal and off-site disposal of the following materials as Mixed Regulated Asbestos - PCB Bulk Product Waste from all locations identified on the Remediation Plans:

    a) Grey window caulk associated with (and including) exterior metal window frames on sides A, B and D;
    b) Grey seam caulk associated with exterior foundation seams, exterior wall seams and cracks, and exterior expansion joint on sides A, B and D;
    c) Course 1 brick and mortar in contact with grey window caulk; grey seam and crack caulk; and grey expansion joint caulk on sides A, B and D;
    d) Course 1 concrete in contact with grey foundation seam caulk and course 1 concrete in contact with expansion joint caulk on Side D.

4. Removal and off-site disposal of the following materials as PCB Remediation Waste less than fifty (50) ppm from all locations identified on the Remediation Plans:

    a) Grey glazing compound associated with (and including) exterior metal window sashes;
    b) Course 2 brick and mortar adjacent to grey window frame caulk on Side B; and,
    c) Exterior soil/gravel from Areas 2, 4, 5, 6 and 7.

5. Cleaning of steel lintels and I-beams.

6. Recordkeeping and distribution as required in accordance with 40 CFR part 761.125 (c) (5).

Remediation activities to be performed by others shall include the following:

1. Monitoring remediation activities as Owner's representative shall be performed by Eagle.

2. Collection of verification soil samples in accordance with subpart O of 40 CFR Part 761 for PCB analysis shall be performed by Eagle Environmental, Inc.

3. Demolition of the building shall be performed by Owner's general trade contractor under separate contract following PCB and asbestos remediation.

Prior to abatement and remediation activities, site preparation and controls shall be established. PCB Bulk Product Waste, Mixed Regulated Asbestos - PCB Bulk Product Waste (and PCB Remediation Waste containing greater than fifty (50) ppm) will be removed and transported off-site for disposal at a hazardous waste landfill permitted by EPA under Section 3004 of RCRA per 40 CFR 761.62 or at a State landfill authorized under Section 3006 of RCRA.

PCB Remediation Waste containing less than fifty (50) ppm of PCB will be transported to a state-approved solid waste disposal facility. PCB Remediation Waste less than fifty (50) ppm will be removed in accordance with the requirements of this Self-Implementing On-Site Cleanup and Disposal Plan in accordance with 40 CFR 761.61.

3.1 Site Preparation and Controls

The work shall be performed in accordance with the attached performance based technical specification section included in Appendix D. Prior to initiating PCB Removal the following site controls will be implemented.

1. The Remediation Contractor shall prepare a Health & Safety Plan (HASP) specific to the site and work activities to be performed (Appendix E). All workers shall follow applicable federal and state regulation with regard to work activities, including but not limited to OSHA regulation including personal protection and respiratory protection requirements.

2. Work zones shall be established in accordance with technical specification to include abatement zone, decontamination zone, and support zone. A regulated area surrounding the section of the building under construction will be established with orange construction fencing. The remediation work may be performed from inside or outside of the building, whichever proximity offers the greatest advantage for removal, but all removal (with the exception of the soil removal) shall be performed within containment barrier.

3. Window systems, caulks, and substrates scheduled for remediation will be sealed from the inside with two (2) layers of 6-mil polyethylene sheeting (or equivalent) as “isolation” barriers.

4. The ground surface shall be protected from contamination by covering it with two (2) layers of six (6)-mil polyethylene sheeting (or equivalent) at least ten feet (10) feet from the exterior wall and one (1) foot up the wall (ground cover is not required for soil remediation).

5. The building is presently vacant and will not be reoccupied prior to demolition. To ensure that the work will present no risk to the neighborhood, the construction area will be secured from unauthorized entry.

6. Work will be performed using appropriate engineering controls and signage to prevent exposure from the work. Refer to the technical specification section for requirements.

7. All openings to building interior shall be securely sealed with a single layer of six (6)-mil polyethylene sheeting. Refer to the technical specification section for requirements.

8. Ground protection and isolation barriers shall remain in place throughout remediation work to collect debris resulting from the remediation. All debris generated during operations including but not limited to visible caulk/glazing compound, dust and debris shall be HEPA vacuumed continuously throughout the

work shift and at the end of the work shift to avoid accumulation. Any tears or rips that occur in polyethylene barriers shall be repaired or removed and replaced with new protections.

9. All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.

10. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Waste and PCB Remediation Waste.

11. Appropriate PCB waste containers shall be placed adjacent to abatement zones. Containers shall be lined, covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR 761.45.

3.2 Removal Procedures

The following removal procedures shall be utilized to conduct PCB Bulk Product Waste and PCB Remediation Waste removal.

Sequence of removal shall follow the following general requirements:

1. Source and substrate materials scheduled for removal as Mixed Regulated Asbestos - PCB Bulk Product Waste will be remediated and packaged and labeled for transport;

2. Source and substrate materials scheduled for removal as PCB Remediation Waste will be remediated and packaged and labeled for transport;

3. Soil scheduled for removal as PCB Remediation Waste will be remediated to a depth of four (4) inches and packaged and labeled for transport;

4. Once materials have been removed and surfaces cleaned, an Eagle representative shall be notified to visually inspect and to verify the completeness and effectiveness of removal and cleaning; and,

5. Upon successful completion of the visual inspection, sampling in accordance with the requirements of 40 CFR Subpart O will be conducted to verify completion of the soil/gravel remediation.

3.2.1 PCB Bulk Product Waste

PCB Bulk Product Waste and Mixed Regulated Asbestos-PCB Bulk Product Waste shall be handled and removed from specified locations for proper disposal. Materials shall be removed carefully in a manner that does not breakdown the materials into fine dust or powder.

Tools to be utilized shall include hand tools such as sharp point scrapers to remove materials from adjacent substrates. Any mechanical removal equipment shall be appropriately fitted with dust collection systems. Any dry or brittle caulking materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal.

Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as six (6)-mil polyethylene disposal bags for controlled transport to PCB waste

containers at the end of each work shift. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR Part 761.65. All waste containers shall be appropriately labeled and stored in accordance with 40 CFR Part 761.40 and 761.45.

3.2.2 PCB Remediation Waste Materials

PCB Remediation Waste less than fifty (50) ppm PCB shall be removed and immediately containerized in six (6)-mil polyethylene disposal bags or a lined container for disposal.

The packaged waste shall not be emptied into other containers to avoid dispersal of dust or fugitive emissions. No dry sweeping, dusting or blowing shall be allowed. The use of minimal quantities of water spray to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB Remediation Waste or Mixed Regulated Asbestos – PCB Remediation Waste show evidence of free liquid water or pooling within the waste stream.

Any liquid used to wet the dust and debris to control fugitive emissions shall be collected and disposed of as PCB Liquid Waste in accordance with 40 CFR Part 761.61 (a)(5)(iv). All rags and other cleaning materials used to clean shall also be properly disposed of as PCB Remediation Waste.

All PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part 761.65. All waste containers shall be appropriately labeled in accordance with 40 CFR Part 761.40 and 761.45.

3.3 Post-Remediation Verification Plan

Upon completion of work, a thorough visual inspection of all remediated surfaces for visible evidence of dust and debris shall be performed. Surfaces shall also be inspected for visible PCB source materials that may not have been removed.

Visual inspection shall ensure that no visible dust or debris is present on adjacent surfaces where sources and substrates were removed. In addition to the remediated surfaces, the surfaces of protective coverings and isolation barriers shall be inspected to ensure they are cleaned of dust and debris.

Since scheduled window systems and all source and substrate materials that contain PCB in excess of one (1) ppm will be removed in their entirety; the visual inspection shall provide verification that remediation work has been completed in accordance with this SIP.

Upon successful completion of the visual inspection, sampling in accordance with the requirements of 40 CFR Subpart O will be conducted in Areas 2, 4, 5, 6, and 7 to verify completion of the soil remediation. Sampling of the soil in accordance with 40 CFR Subpart N will be conducted in Areas 1 and 3 to verify that the soil is not contaminated.

Upon successful completion of cleaning and the visual inspection, wipe sampling of steel lintels and I-beams will be conducted in accordance with the requirements of 40 CFR Subpart P.

4.0 Schedule and Plan Certification

It is the intent of the Owner (Town of Berlin) to begin the removal of PCB Bulk Product Waste and PCB Remediation Waste Materials in accordance with this plan.

It is anticipated that the work shall be performed as expeditiously as possible to meet the construction schedule. Upon completing the PCB Remediation and verification inspection confirming that the Project Objectives have been met, the demolition work shall commence.

The Owner hereby certifies that all the sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the Town and available for EPA inspection.

Denise McNair — 5-9-12

Owner's Representative
Denise McNair
Town Manager

Date

5-7-2012

Eagle Environmental, Inc. Representative
Ashis Roychowdhury
Executive Vice President

Date

Remediation Contractor Representative
(To be determined)

Date

The work of this plan was prepared to support applications under the Code of Federal regulations Title 40 Section 761.79 (h) and 40 CFR 761.61 (a) for EPA approval of decontamination and sampling approaches for specified porous and nonporous materials impacted by specified non-liquid PCB-containing caulking and glazing compounds associated with former Kensington Furniture Company Warehouse building located at 903 Farmington Avenue in Berlin, Connecticut. Decontamination procedures and post abatement acceptance criteria will be based on post abatement visual inspections.

DIAGRAM 1-1

SITE LOCATION MAP (SP-1)

SITE PLAN

NOT TO SCALE

NORTH

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 10/14/11
PROJECT NO.: 11-015.14
DRAWN BY: BLS
REVIEWED BY: AR

HAZARDOUS BUILDING MATERIALS INSPECTION
903 FARMINGTON AVENUE
BERLIN, CONNECTICUT
SITE PLAN

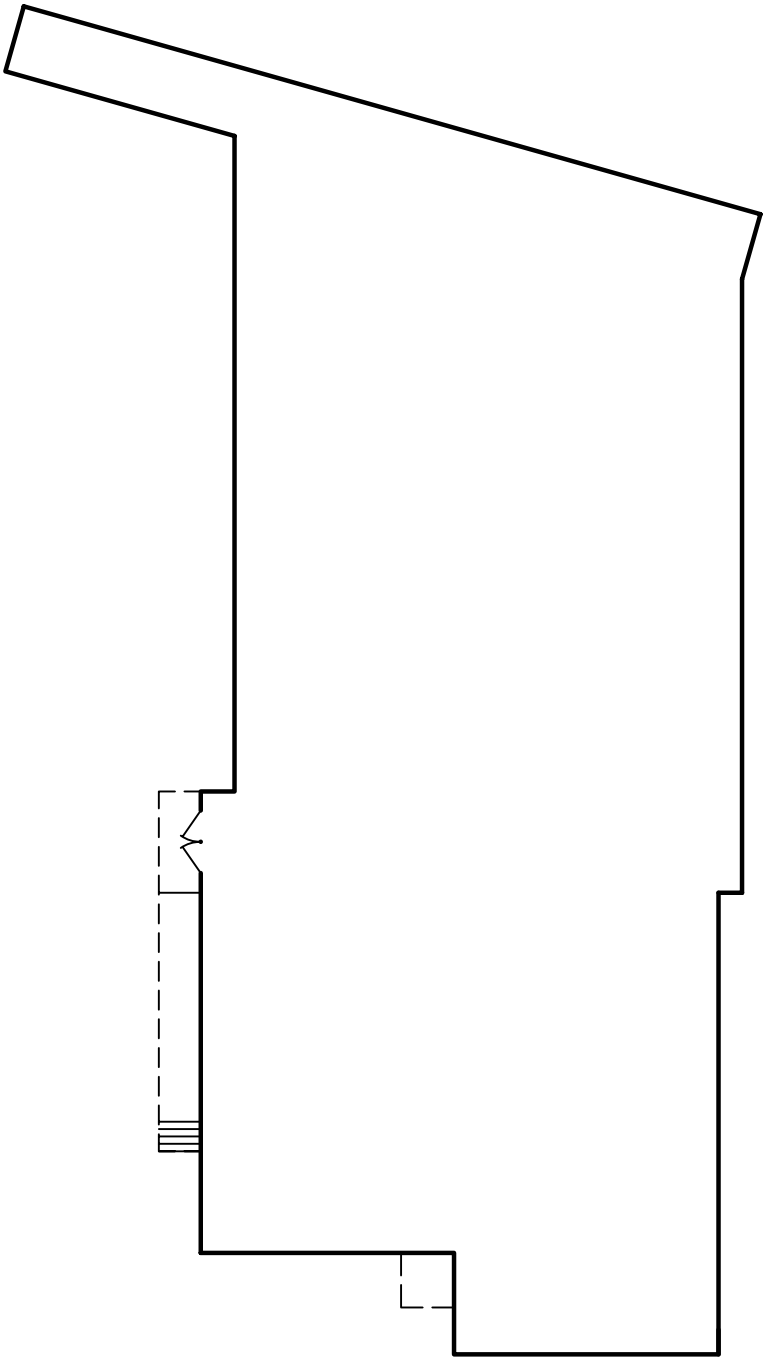
SHEET NO.
SP-1
SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\CAD\Site Plan.dwg

DIAGRAM 1-2

BUILDING PLAN (BP-1)

SIDE-C



SIDE-B

SIDE-D

BUILDING PLAN

NOT TO SCALE

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 8/19/11
PROJECT NO.: 11-015.14
DRAWN BY: BLS
REVIEWED BY: AR

HAZARDOUS BUILDING MATERIALS INSPECTION
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
BUILDING PLAN

SHEET NO.

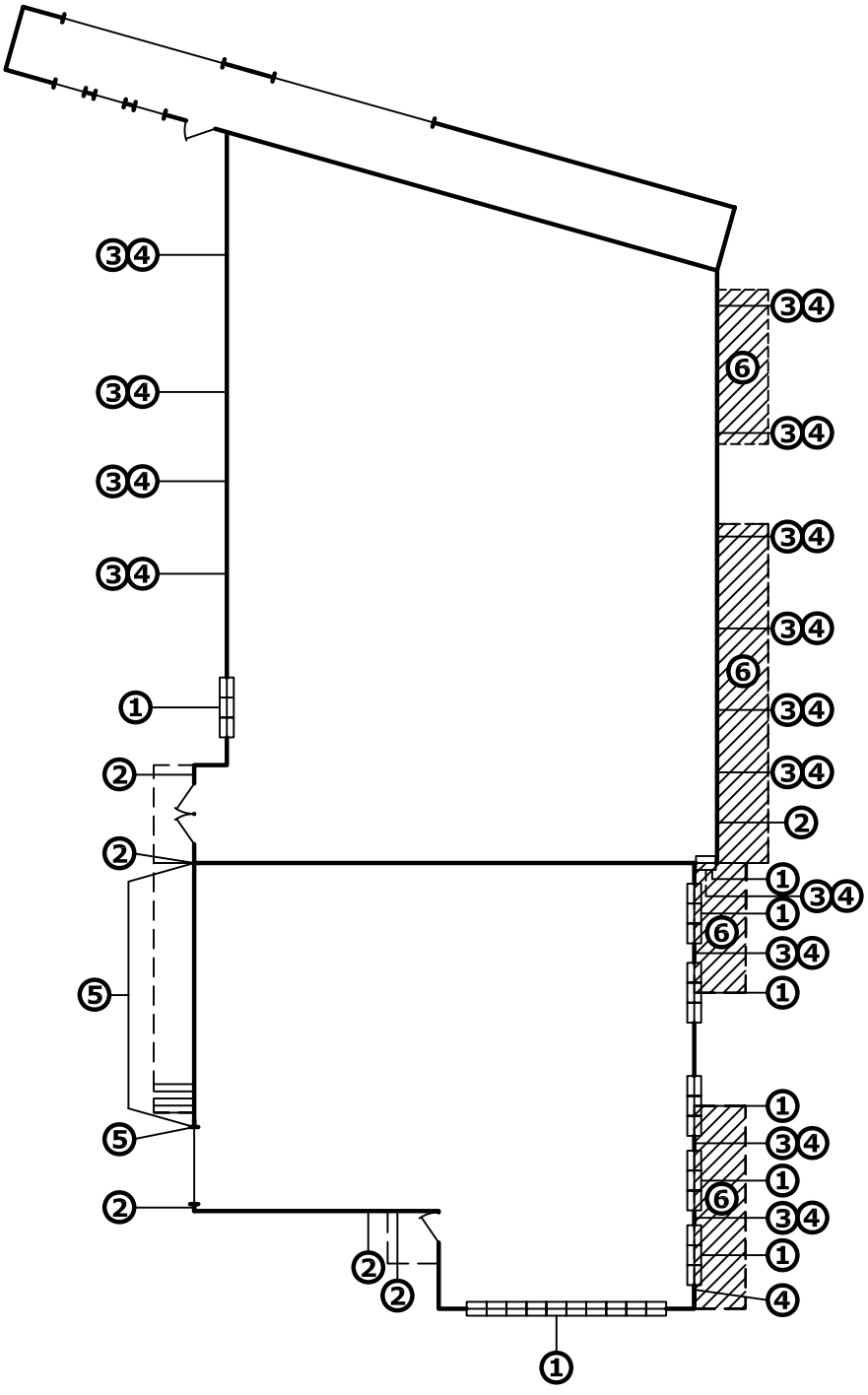
BP-1

SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 1-2

PCB REMEDIATION PLAN (PCB 1.1)



FIRST FLOOR PLAN

NOT TO SCALE

PCB REMEDIATION KEY:

PCB=POLY-CHLORINATED BIPHENYL

1. REMOVE METAL FRAMES AND WINDOW SASHES WITH PCB-CONTAINING CAULK AND GLAZING COMPOUNDS. REMOVE FIRST FULL COURSE OF BRICK AND MORTAR INSIDE AND OUTSIDE OF CAULK LINE (APPROXIMATELY 8-1/2 INCHES EITHER SIDE OF CAULK LINE) AT WINDOW OPENING. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB BULK PRODUCT WASTE.
2. REMOVE SEAM CAULK FROM CRACKS AND JOINTS IN EXTERIOR BRICK AND MORTAR WALL. REMOVE FIRST FULL COURSE OF BRICK AND MORTAR EITHER SIDE OF CAULK LINE (APPROXIMATELY 8-1/2 INCHES EITHER SIDE OF CAULK LINE). HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB BULK PRODUCT WASTE.
3. REMOVE SEAM CAULK FROM CRACKS AND JOINTS IN CONCRETE FOUNDATION. CLEAN CONCRETE. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB BULK PRODUCT WASTE.
4. REMOVE FIRST FULL COURSE (APPROXIMATELY 4-1/2 INCHES) OF BRICK AND MORTAR FROM EXTERIOR WALL ADJACENT TO SEAM CAULK IN SEAM BETWEEN CONCRETE FOUNDATION AND EXTERIOR BRICK/MORTAR WALL. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB BULK PRODUCT WASTE. CLEAN CONCRETE.
5. REMOVE FIRST FULL COURSE (APPROXIMATELY 8-1/2 INCHES) OF BRICK AND MORTAR FROM EXTERIOR WALL ADJACENT TO SEAM CAULK IN SEAM BETWEEN STEEL LINTEL OR BEAM AND EXTERIOR BRICK/MORTAR WALL. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB BULK PRODUCT WASTE. CLEAN STEEL.
6. REMOVE SOIL/GRAVEL BETWEEN BUILDING AND ASPHALT HARDSCAPE TO DEPTH OF APPROXIMATELY 4 INCHES BELOW GRADE. HANDLE AND DISPOSE OF AS PCB REMEDIATION WASTE LESS THAN 50 PPM.

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 3/7/11
PROJECT NO.: 11-015.14A
DRAWN BY: BLS
REVIEWED BY: AR,JT

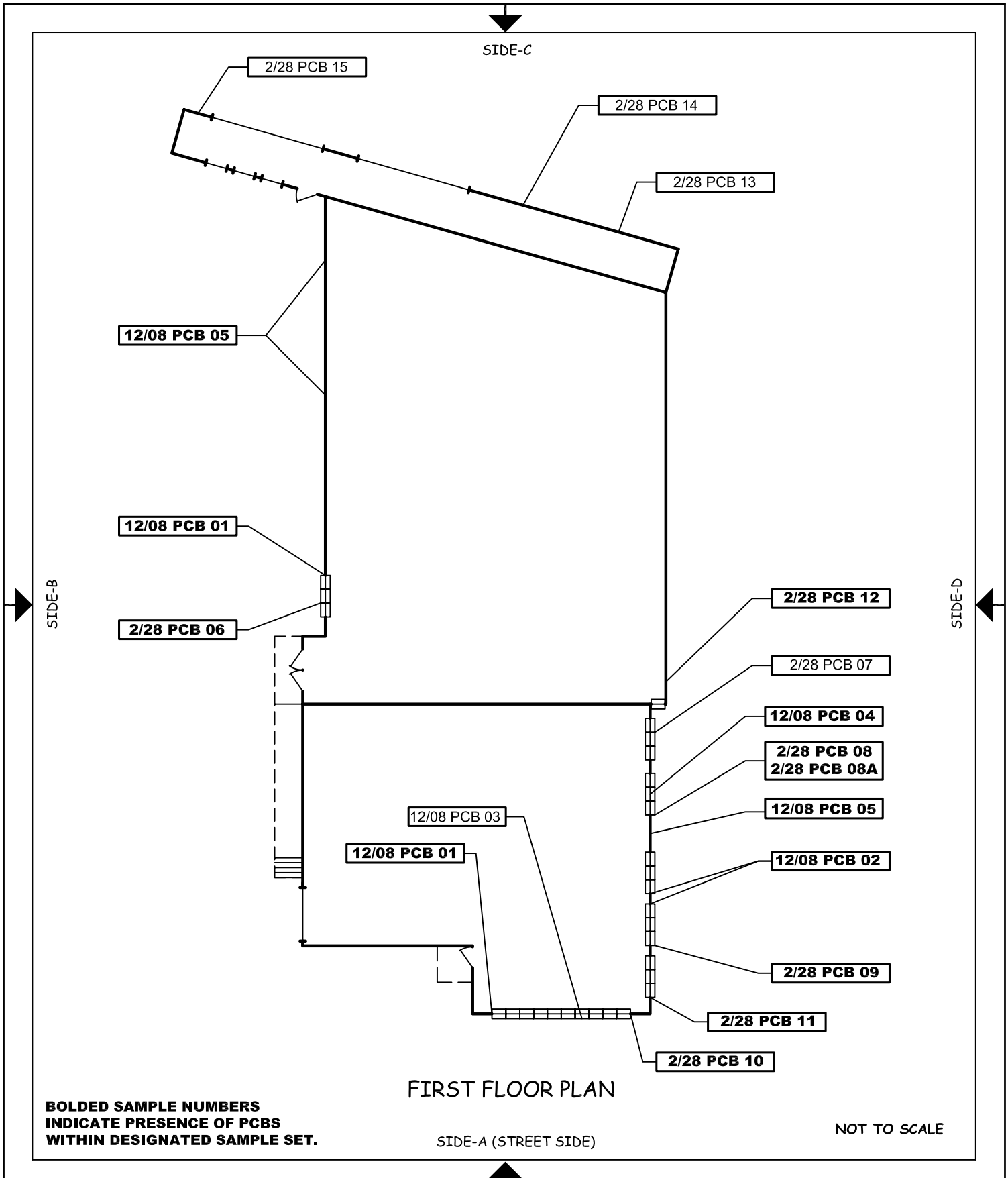
PCB REMEDIATION PLAN
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SHEET NO.
PCB-1.1
SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-1

SAMPLE LOCATION DIAGRAM – SOURCE MATERIALS (PCB-SO-1)



EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 3/7/12
PROJECT NO.: 11-015.14A
DRAWN BY: BLS
REVIEWED BY: AR,JT

903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SOURCE SAMPLE LOCATION DIAGRAM

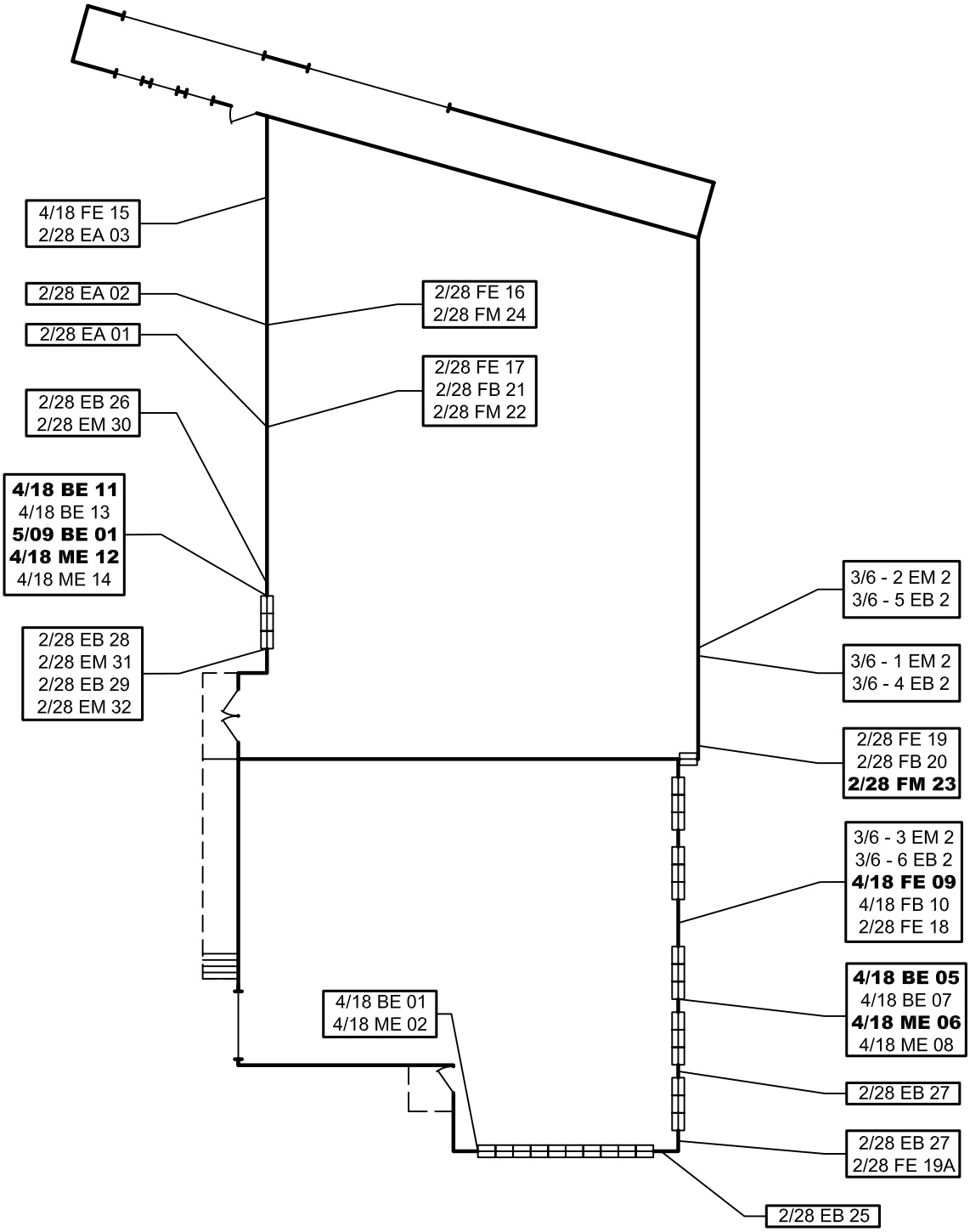
SHEET NO.
PCB-SO-1
SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-2

SAMPLE LOCATION DIAGRAM – EXTERIOR ADJACENT POROUS SUBSTRATES
(PCB-SU-1)

SIDE-C



SIDE-B

SIDE-D

FIRST FLOOR PLAN

BOLDED SAMPLE NUMBERS INDICATE PRESENCE OF PCBS WITHIN DESIGNATED SAMPLE SET.

NOT TO SCALE

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.

531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.

PCB-SU-1

SHEET 1 OF 1

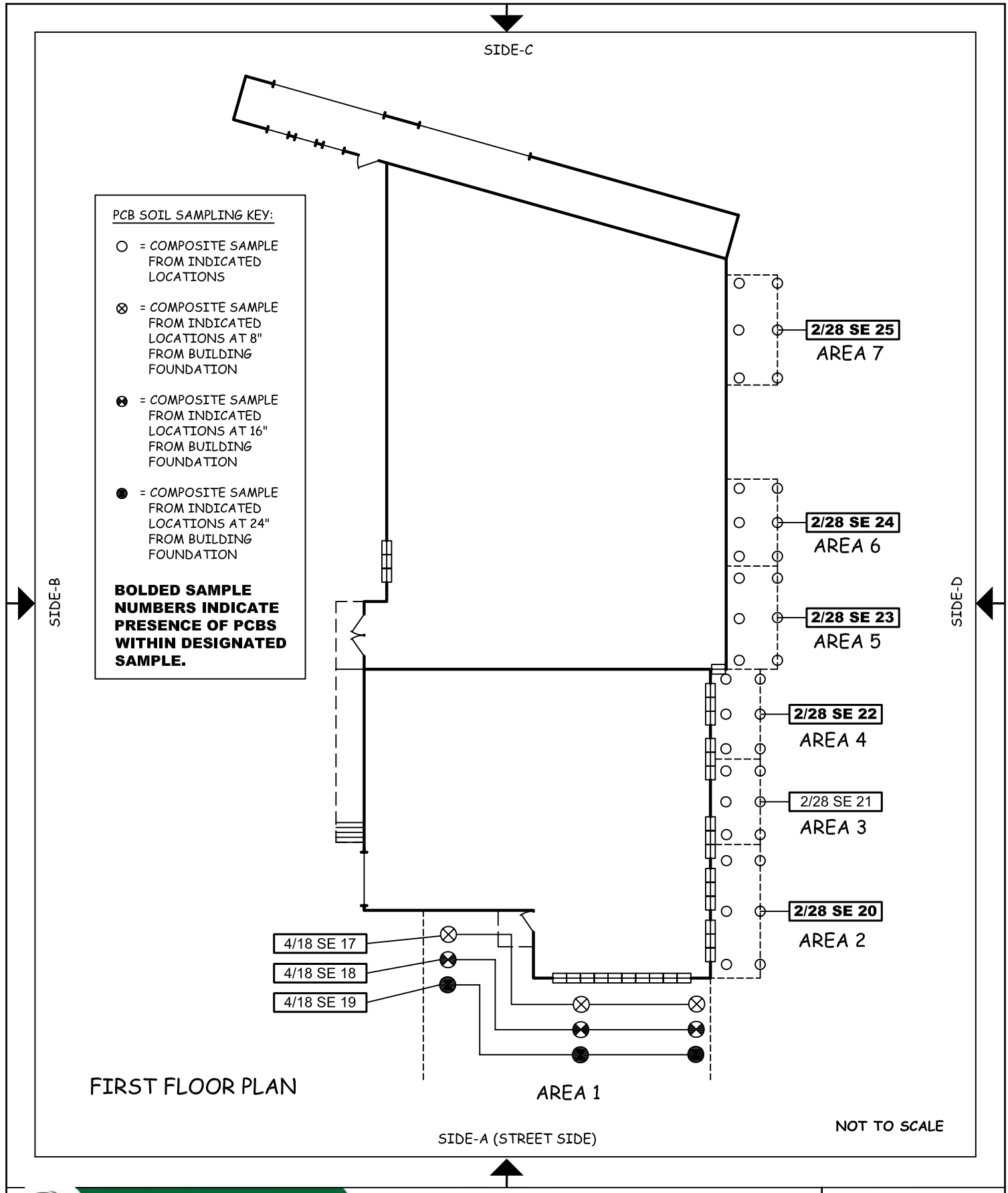
DATE: 3/20/12
PROJECT NO.: 11-015.14A
DRAWN BY: BLS,MR
REVIEWED BY: AR,JT

903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SUBSTRATE SAMPLE LOCATION DIAGRAM

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-3

SAMPLE LOCATION DIAGRAM – EXTERIOR SOIL (PCB-SL-1)



EAGLE Environmental, Inc.

531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 3/7/11
PROJECT NO.: 11-015.14A
DRAWN BY: BLS
REVIEWED BY: AR,JT

903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SOIL SAMPLE LOCATION DIAGRAM

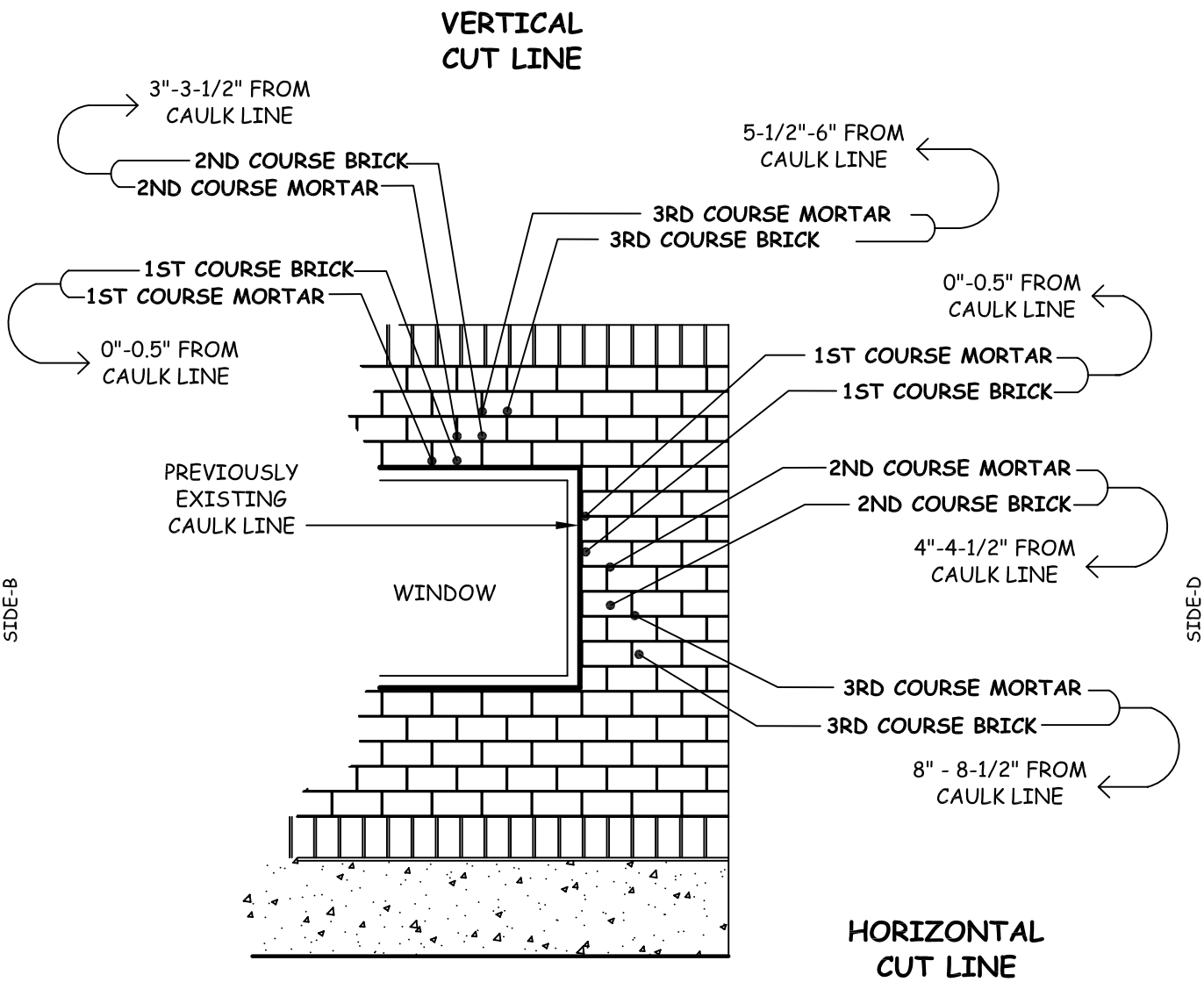
SHEET NO.
PCB-SL-1
SHEET 1 OF 1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-4

PCB SUBSTRATE SAMPLING DETAIL (PCB-D)

SIDE-C



SIDE-B

SIDE-D

PCB SUBSTRATE SAMPLING DETAIL:
TYPICAL BRICK AND MORTAR SAMPLE LOCATIONS

SIDE-A (STREET SIDE)

NOT TO SCALE

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
PCB-D

DATE: 3/26/12
PROJECT NO.: 11-015.14A
DRAWN BY: MR
REVIEWED BY: JT, AR

HAZARDOUS BUILDING MATERIALS INSPECTION
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SUBSTRATE SAMPLING DETAIL

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\903 Farmington.Kensington\INSPECTION\903 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-4

PHOTOGRAPHS OF CAULK/SUBSTRATE JOINTS

APPENDIX A

TABLE 2.1.1: SAMPLING OF SOURCE MATERIALS - RESULT SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY FORMS

TABLE I
PCB CONTAINING MATERIALS
SOURCE SUMMARY TABLE
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SOURCE SAMPLES									
SAMPLE DATE	SAMPLE #	SOURCE LOCATION	MATERIAL TYPE	SAMPLE DESCRIPTION	RESULT (PPM)			LOCATIONS FOUND	ESTIMATED QUANTITY
					ND/ <1 PPM	>1 PPM - <50 PPM	>50 PPM		
12-8-2010	PCB 1	Façade A/B	A	Grey window frame caulk		**4.8**		All exterior window frames	139 LF
	PCB 2	Façade D					**10,000**		
2-28-2012	PCB 8	Façade D					**22,000**		
	PCB 8A						**21,000**		
	PCB 9						**22,000**		
	PCB 10	Façade A					**52,000**		
12-8-2010	PCB 3	Façade A	B	Grey window glazing compound	ND			All exterior window sashes	329 LF
	PCB 4	Façade D				**2.4**			
2-28-2012	PCB 6	Façade B				**1.1**			
	PCB 7	Façade D			.92				
12-8-2010	PCB 5	Façade B	C	Grey foundation and seam caulk			**32,000**	Cracks and seams on exterior walls and foundation, I-beams and lintels	130 LF
2-28-2012	PCB 11	Façade B					**6,200**		
	PCB 12	Façade D				**5.4**			
	PCB 13	Façade C	D	Black foundation seam caulk	ND			Foundation to wall seam at Façade C	N/A
	PCB 14				ND				
	PCB 15				ND				

KEY	ANALYTICAL METHOD
ND = NON DETECTED (<1 PPM)	SW 846-8082/3540 C

*** Bolded sample numbers indicates presence of PCB in excess of 1 PPM**

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2010

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: AZ85773 - AZ85777

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/08/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/09/10	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.11				

Laboratory Data

SDG ID: GAZ85773
Phoenix ID: AZ85773

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: #1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/09/10			E160.3
Caulk Extraction for PCB	Completed			12/09/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1248	*	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	12/14/10		MH	3540C/8082
Total PCBs	4800	830	ug/Kg	12/14/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	12/14/10		MH	3540C/8082
% TCMX	106		%	12/14/10		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by using the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/08/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/09/10	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.11				

Laboratory Data

SDG ID: GAZ85773
Phoenix ID: AZ85774

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Client ID: #2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/09/10			E160.3
Caulk Extraction for PCB	Completed			12/10/10		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1221	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1232	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1242	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1248	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1254	10000000	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1260	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1262	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
PCB-1268	ND	3300000	ug/Kg	12/14/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	12/14/10		MH	3540C/8082
% TCMX	Diluted Out		%	12/14/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 15, 2010

QA/QC Data

SDG I.D.: GAZ85773

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 167264, QC Sample No: AZ86226 (AZ85774)							
Polychlorinated Biphenyls							
PCB-1016	ND	100	87	13.9	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	77	77	0.0	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	77	82	75	8.9	NR	NR	NC
% TCMX (Surrogate Rec)	58	78	72	8.0	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 15, 2010

Environmental Laboratories, Inc.

Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Customer: Eagle Environmental Inc.
Address:

Project: Town of Berlin - 903 Farmington Ave
Report to: Ashis Paychowdhury
Invoice to: Same

Project P.O.: 10-247.11
Phone #: 860-589-9257
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/08

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082 Method
	PCB #1 - Window Caulk	S	12-8	PM	X
	PCB #2 - Window Caulk	S			X
	PCB #3 - Window Glazing	S			X
	PCB #4 Window Glazing	S			X
	PCB #5 Foundation Seam Caulk	S			X

Analysis Request

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O
GL Soil container ( ) oz.
GL Soil container ( ) oz.
40 ml. VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] 500ml [ ] H2SO4
PL As is [ ] 250ml [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
	[signature]	12/9/10	13:45

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [X] 3 Days*
- [ ] Standard
- [ ] Other

*SURCHARGE APPLIES

CT/RI
- [ ] RCP Cert.
- [ ] GW Protect.
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [ ] Res. Vol.
- [ ] Ind. Vol.
- [ ] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv.
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std. Report
- [ ] Other

State where samples were collected: CT

Comments, Special Requirements or Regulations:
Detection limit must be below 1 PPM if Required

PHOENIX
Environmental Laboratories, Inc

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48313 - BB48323

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48315

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	4100000	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	22000000	4100000	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/04/12		MH	30 - 150 %
% TCMX	Diluted Out		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48316

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-8A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	8100000	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	21000000	8100000	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/04/12		MH	30 - 150 %
% TCMX	Diluted Out		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48317

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-9

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	7900000	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	22000000	7900000	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/04/12		MH	30 - 150 %
% TCMX	Diluted Out		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48318

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-10 WINDOW CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	8000000	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	52000000	8000000	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/04/12		MH	30 - 150 %
% TCMX	Diluted Out		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48313

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48313, BB48314, BB48315, BB48316, BB48317, BB48318, BB48319, BB48320, BB48321, BB48322, BB48323)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

WIC

Temp 0 Pg 1 of 2

Data Delivery:
- [x] Fax #: jtevill@eagleenv.com
- [ ] Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 903 Farmington Ave, Berlin, CT
Report to:
Invoice to:

Project P.O: 11-015-14A
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 2-28-12

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: 8082 / 3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
48313	PCB-6	S	2-28-12	AM	✓										
48314	PCB-7	S	2-28-12	AM	✓										
	(window glaze)														
48315	PCB-8	S	2-28-12	AM	✓										
48316	PCB-8A	S	2-28-12	AM	✓										
48317	PCB-9	S	2-28-12	AM	✓										
48318	PCB-10	S	2-28-12	AM	✓										
	(window caulk)														
48319	PCB-11	S	2-28-12	AM	✓										
	(expansion joint)														
48320	PCB-12	S	2-28-12	AM	✓										
	(foundation seam)														

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
		2/29/12	13:45

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp: 6 °C(?) Pg 2 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St, Bristol CT 06010

Project: 903 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015, 14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C
48321	PCB-13	S	2-28-12	PM	✓
48322	PCB-14	S	2-28-12	PM	✓
48323	PCB-15	S	2-28-12	PM	✓
	(black foundation seam caulk)				

Container columns: Soil VOA Vials ( ) methanol ( ) H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial ( ) As is ( ) HCl; GL Amber 1000ml ( ) As is ( ) H2SO4; PL As is ( ) 250ml ( ) 500ml ( ) 1000ml; PL H2SO4 ( ) 250ml ( ) 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
		2/29/12	13:49

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2010

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: AZ85773 - AZ85777

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/08/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/09/10	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.11				

Laboratory Data

SDG ID: GAZ85773
Phoenix ID: AZ85775

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Client ID: #3

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/09/10			E160.3
Caulk Extraction for PCB	Completed			12/09/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1248	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	12/13/10		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	12/13/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	112		%	12/13/10		MH	3540C/8082
% TCMX	96		%	12/13/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/08/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/09/10	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.11				

Laboratory Data

SDG ID: GAZ85773
Phoenix ID: AZ85776

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Client ID: #4

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/09/10			E160.3
Caulk Extraction for PCB	Completed			12/09/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1248	*	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	12/14/10		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	12/14/10		MH	3540C/8082
Total PCBs	2400	830	ug/Kg	12/14/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	12/14/10		MH	3540C/8082
% TCMX	95		%	12/14/10		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by using the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

December 15, 2010

QA/QC Data

SDG I.D.: GAZ85773

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 167264, QC Sample No: AZ86226 (AZ85774)							
Polychlorinated Biphenyls							
PCB-1016	ND	100	87	13.9	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	77	77	0.0	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	77	82	75	8.9	NR	NR	NC
% TCMX (Surrogate Rec)	58	78	72	8.0	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
- ☐ Fax #:
- ☐ Email:

Customer: Eagle Environmental Inc.
Address:
Project: Town of Berlin - 903 Farmington Ave
Report to: Ashis Roychowdhury
Invoice to: Same
Project P.O: 10-247.11
Phone #: 860-589-8257
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/08

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8081 Method
	PCB #1 - Window Caulk	S	12-8	PM	X
	PCB #2 - Window Caulk	S	"	"	X
	PCB #3 - Window Glazing	S	"	"	X
	PCB #4 Window Glazing	S	"	"	X
	PCB #5 Foundation Seam Caulk	S	↓	↓	X

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20
GL Soil container ( ) oz.
GL Soil container ( ) oz.
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
	[signature]	12/9/10	13:45

Comments, Special Requirements or Regulations:
Detection limit must be below 1 ppm if required

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☒ 3 Days*
- ☐ Standard
- ☐ Other

*SURCHARGE APPLIES

CT/RI
- ☐ RCP Cert.
- ☐ GW Protect.
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protect.
- ☐ Res. Vol.
- ☐ Ind. Vol.
- ☐ Res. Criteria
- ☐ Other

MA
- ☐ MCP Cert.
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected: CT

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other

Data Package
- ☐ ASP-A
- ☐ NJ Reduced Deliv.*
- ☐ NJ Hazsite EDD
- ☐ Phoenix Std Report
- ☐ Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48313 - BB48323

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48313

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	1100	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	820	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	820	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	101		%	03/04/12		MH	30 - 150 %
% TCMX	98		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48314

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-7 WINDOW GLAZE

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	920	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	770	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	96		%	03/04/12		MH	30 - 150 %
% TCMX	95		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48313

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48313, BB48314, BB48315, BB48316, BB48317, BB48318, BB48319, BB48320, BB48321, BB48322, BB48323)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

ww/C

PHOENIX *Environmental Laboratories, Inc.*

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp ( ) Pg 1 of 2

Data Delivery:
☒ Fax #: jterrill@eagleenviro.com
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 903 Farmington Ave, Berlin, CT
Report to:
Invoice to:

Project P.O: 11-015-14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3540C

Containers: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C
48313	PCB-6	S	2-28-12	AM	✓
48314	PCB-7	S	2-28-12	AM	✓
	(window glaze)				
48315	PCB-8	S	2-28-12	AM	✓
48316	PCB-8A	S	2-28-12	AM	✓
48317	PCB-9	S	2-28-12	AM	✓
48318	PCB-10	S	2-28-12	AM	✓
-	(window caulk)				
48319	PCB-11	S	2-28-12	AM	✓
	(expansion joint)				
48320	PCB-12	S	2-28-12	AM	✓
	(foundation seam)				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
		2/29/12	13:45

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 2 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 503 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015, 14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C	Soil VOA Vials ( ) methanol ( ) H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial ( ) As is ( ) HCl	GL Amber 1000ml ( ) As is ( ) H2SO4	PL As is ( ) 250ml ( ) 500ml ( ) 1000ml	PL H2SO4 ( ) 250ml ( ) 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
48321	PCB-13	S	2-28-12	PM	✓										
48322	PCB-14	S	2-28-12	PM	✓										
48323	PCB-15	S	2-28-12	PM	✓										
	(black fused tar seam caulk)														

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
	[signature]	2/29/12	13:49

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2010

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: AZ85773 - AZ85777

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/08/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/09/10	14:45
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.11				

Laboratory Data

SDG ID: GAZ85773
Phoenix ID: AZ85777

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Client ID: #5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/09/10			E160.3
Caulk Extraction for PCB	Completed			12/09/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1221	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1232	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1242	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1248	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1254	32000000	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1260	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1262	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1268	ND	8300000	ug/Kg	12/13/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	12/13/10		MH	3540C/8082
% TCMX	Diluted Out		%	12/13/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 15, 2010

QA/QC Data

SDG I.D.: GAZ85773

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 167264, QC Sample No: AZ86226 (AZ85774)							
Polychlorinated Biphenyls							
PCB-1016	ND	100	87	13.9	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	77	77	0.0	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	77	82	75	8.9	NR	NR	NC
% TCMX (Surrogate Rec)	58	78	72	8.0	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 15, 2010

Environmental Laboratories, Inc.

Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Fax #:

Email:

Customer: Eagle Environmental Inc.

Address:

Project: Town of Berlin - 903 Farmington Ave

Report to: Ashis Roychowdhury

Invoice to: Same

Project P.O.: 10-247.11

Phone #: 860-589-8257

Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature]

Date: 12/08

Analysis Request

Matrix Code:

DW=drinking water WW=wastewater S=soil/solid O=other

GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082 Method
	PCB #1 - Window Caulk	S	12-8	PM	X
	PCB #2 - Window Caulk	S	"	"	X
	PCB #3 - Window glazing	S	"	"	X
	PCB #4 Window glazing	S	"	"	X
	PCB #5 Foundation Seam Caulk	S	"	"	X

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20

GL Soil container ( ) oz

GL Soil container ( ) oz

40 ml VOA Vial [ ] As is [ ] HCl

GL Amber 1000ml [ ] As is [ ] H2SO4

PL As is [ ] 250ml [ ] 500ml [ ] 1000ml

PL H2SO4 [ ] 250ml [ ] 500ml

PL HNO3 250ml

RL NaOH 250ml

Bacteria Bottle

Relinquished by:	Accepted by	Date:	Time:
	[signature]	12/9/10	13 hrs

Comments, Special Requirements or Regulations:

Detection limit must be below 1 ppm if Required

Turnaround:

- [ ] 1 Day*
- [ ] 2 Days*
- [X] 3 Days*
- [ ] Standard
- [ ] Other

*SURCHARGE APPLIES

CT/RI

- [ ] RCP Cert.
- [ ] GW Protect.
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [ ] Res. Vol.
- [ ] Ind. Vol.
- [ ] Res. Criteria
- [ ] Other

MA

- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format

- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package

- [ ] ASP-A
- [ ] NJ Reduced Deliv.
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48313 - BB48323

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48319

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-11

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	830000	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	6200000	830000	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/04/12		MH	30 - 150 %
% TCMX	Diluted Out		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48320

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-12 FOUNDATION SEAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	5400	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	770	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	770	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	03/04/12		MH	30 - 150 %
% TCMX	97		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48321

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-13

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	70		%	03/04/12		MH	30 - 150 %
% TCMX	65		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48322

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	800	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	800	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	71		%	03/04/12		MH	30 - 150 %
% TCMX	68		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48313
Phoenix ID: BB48323

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: PCB-15 BLACK FOUNDATION SEAM CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/29/12			E160.3
Caulk Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	810	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	810	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	70		%	03/04/12		MH	30 - 150 %
% TCMX	65		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48313

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48313, BB48314, BB48315, BB48316, BB48317, BB48318, BB48319, BB48320, BB48321, BB48322, BB48323)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

UWIC

Temp C° Pg 1 of 2

Data Delivery:
- [x] Fax #: jterrill@eagleenviro.com
- [ ] Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 963 Farmington Ave, Berlin, CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: 8082 / 3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz.	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
48313	PCB-6	S	2-28-12	AM	✓									
48314	PCB-7	S	2-28-12	AM	✓									
	(window glaze)													
48315	PCB-8	S	2-28-12	AM	✓									
48316	PCB-8A	S	2-28-12	AM	✓									
48317	PCB-9	S	2-28-12	AM	✓									
48318	PCB-10	S	2-28-12	AM	✓									
	(window caulk)													
48319	PCB-11	S	2-28-12	AM	✓									
	(expansion joint)													
48320	PCB-12	S	2-28-12	AM	✓									
	(foundation seam)													

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
		2/29/12	13:45

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp [illegible] Pg 2 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 503 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3540C

Containers: Soil VOA Vials ( ) methanol ( ) H2O; GL Soil container ( )oz; GL Soil container ( )oz; 40 ml VOA Vial ( ) As is ( ) HCl; GL Amber 1000ml ( ) As is ( ) H2SO4; PL As is ( ) 250ml ( ) 500ml ( ) 1000ml; PL H2SO4 ( ) 250ml ( ) 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C
48321	PCB-13	S	2-28-12	PM	✓
48322	PCB-14	S	2-28-12	PM	✓
48323	PCB-15	S	2-28-12	PM	✓
	(black foundation seam caulk)				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
	[signature]	2/29/12	13:49

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

APPENDIX B

TABLE 2.1.2: CORE SAMPLING OF EXTERIOR SUBSTRATES FOR WINDOWS (BRICKS/MORTAR/CONCRETE) - RESULT SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY

TABLE II
PCB CONTAINING MATERIALS
SUBSTRATE SUMMARY TABLE
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SAMPLE DATE	SAMPLE #	SUBSTRATE LOCATION	SAMPLE TYPE	SAMPLE DESCRIPTION	RESULTS IN PPM				ESTIMATED QUANTITY
					COURSE 1	COURSE 2	COURSE 3	COURSE 4	
4-18-11	4/18 BE-01	Façade A	A	Brick adjacent to window frame caulk	ND				139 LF
4-18-11	4/18 BE-05	Façade D			**47**				
	4/18 BE-07				ND				
	4/18 BE-11	Façade B			**160**				
	4/18 BE-13					ND			
5-09-11	5/9 BE-01					**19**			
2-28-12	4-28-EB-25	Façade A				ND			
	4-28-EB-26	Façade B					ND		
	4-28-EB-27	Façade D				ND			
	4-28-EB-28	Façade B					ND		
	4-28-EB-29						ND		
4-18-11	4/18-ME-02	Façade A	A	Mortar adjacent to window frame caulk	ND				139 LF
	4/18-ME-06	Façade D			**5.8**				
	4/18-ME-08					ND			
	4/18-ME-12	Façade B			**320**				
	4/18-ME-14					.086			
4-28-12	4-28-EM-30	Façade B					ND		
	4-28-EM-31						ND		
	4-28-EM-32						ND		
4-18-11	4/18 FE-09	Façade D	C	Concrete adjacent to foundation and seam caulk	**69**				109 LF
	4/18 FE-15	Façade B			ND				
2-28-12	2-28-FE-16				ND				
	2-28-FE-17				ND				
	2-28-FE-18	Façade D				ND			
	2-28-FE-19					ND			
	2-28-FE-19A					ND			

KEY	ANALYTICAL METHOD
ND = NON DETECTED	SW 846-8082 / 3540C
1st Course = 0"- 0.5" Inches from Source	
2nd Course = 4" - 4.5" from Source	

*Bolded sample numbers indicates presence of PCB in excess of 1 PPM

TABLE II
PCB CONTAINING MATERIALS
SUBSTRATE SUMMARY TABLE
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SAMPLE DATE	SAMPLE #	SUBSTRATE LOCATION	SAMPLE TYPE	SAMPLE DESCRIPTION	RESULTS IN PPM				ESTIMATED QUANTITY
					COURSE 1	COURSE 2	COURSE 3	COURSE 4	
4-18-11	4/18 FB-10	Façade D	C	Brick adjacent to foundation and seam caulk		ND			113 LF
2-28-12	2-28-FB-20					ND			
	2-28-FB-21	Façade B				ND			
3-6-2012	3-6-4-EB2	Façade D				ND			
	3-6-5-EB2					ND			
	3-6-6-EB2					ND			
2-28-12	2-28-FM-22	Façade B	C	Mortar adjacent to foundation and seam caulk	ND				113 LF
	2-28-FM-23	Façade D			**25**				
	2-28-FM-24				ND				
3-6-2012	3-6-1-EM2	Façade D				ND			
	3-6-2-EM2					ND			
	3-6-3-EM2	Façade B				ND			
2-28-12	2-28-EA-1	Façade B		Asphalt adjacent to foundation and seam caulk	.69				N/A
	2-28-EA-2				ND				
	2-28-EA-3				ND				

KEY	ANALYTICAL METHOD
ND = NON DETECTED	SW 846-8082 / 3540C
1st Course = 0"- 0.5" Inches from Source	
2nd Course = 4" - 4.5" from Source	

*Bolded sample numbers indicates presence of PCB in excess of 1 PPM

PHOENIX
Environmental Laboratories, Inc.

Friday, April 22, 2011

Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN-KENSINGTON
Sample ID#s: BA21498 - BA21505

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21498

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: BE-01 FAC. A CAULK LINE BRICK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1221	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1232	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1242	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1248	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1254	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1260	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1262	ND	970	ug/Kg	04/20/11		MH	3540C/8082
PCB-1268	ND	970	ug/Kg	04/20/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	92		%	04/20/11		MH	3540C/8082
% TCMX	61		%	04/20/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21500

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: BE-05 FAC. D CAULK LINE BRICK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	*	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	*	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	14000	ug/Kg	04/22/11		MH	3540C/8082
Total PCBs	47000	14000	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	117		%	04/22/11		MH	3540C/8082
% TCMX	83		%	04/22/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 25, 2011

QA/QC Data

SDG I.D.: GBA21498

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 174711, QC Sample No: BA21251 (BA21498, BA21499, BA21500, BA21501, BA21502, BA21503, BA21504, BA21505)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	103	6.0	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	99	8.7	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	89	92	3.3	NR	NR	NC
% TCMX (Surrogate Rec)	78	66	71	7.3	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: ~~Eagle Environmental Inc.~~ 931 N. Main St. Bristol, CT.
Address:

903 Farmington Ave.

Project: Town of Berlin - Kensington Sch Project P.O: 11-015.14
Report to: Ashis Raychowdhury Phone #:
Invoice to: Same Fax #:

Client Sample Information - Identification

Sampler's Signature: Date 4-18-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18 ~~BE-01~~ BE-01	FAC. A CAULK LINE BRICK				X		1						2	1	4984
4/18 ME-02	FAC. A CAULK LINE MORTAR				X		1						2	1	4985
4/18 BE-05	FAC. D CAULK LINE BRICK				X		1						2	1	5000
4/18 ME-06	FAC. D CAULK LINE MORTAR				X		1						2	1	5001
4/18 FE-09	FAC. D FOUNDATION CAULK LINE				X		1						2	1	5002
4/18 BE-11	FAC. B CAULK LINE BRICK				X		1						2	1	5003
4/18 ME-12	FAC. B CAULK LINE MORTAR				X		1						2	1	5004
4/18 FE-15	FAC. B CAULK LINE FOUNDATION				X		1						2	1	5005

Relinquished by:	Accepted by:	Date:	Time:
		4-19-11	7:35 am

Comments, Special Requirements or Regulations:
Reporting limit below or less than < 1 ppm

8.9°C RCVD EG

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: BA23808 - BA23815

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23808

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 BE-07 1ST CUT LINE BRICK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	800	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	800	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	80		%	04/26/11		MH	3540C/8082
% TCMX	72		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental INC.
Address: 53P N. Main St. Bristol, CT. 06010

Project: Town of Berlin, 903 Farmington Ave Project P.O: 11-015.14
Report to: Ashis Roychowdhury Phone #: 860-589-8257
Invoice to: Brawley LEBLANC Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 4/18/11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: 8082

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18-BE-07	1st cut line Brick	S	4/18	pm	X									
4/18-ME-08	1st cut line Mortar	S	4/18	pm	X									
4/18-FB-10	Foundation-Brick junction	S	4/18	pm	X									
4/18-BE-13	1st cut line Brick	S	4/18	pm	X									
4/18-ME-14	1st cut line Mortar	S	4/18	pm	X									
4-18-SE-17	Soil 8" Composite	S	4/18	pm	X									
4-18-SE-18	Soil 16" Composite	S	4/18	pm	X									
4-18-SE-19	Soil 24" Composite	S	4/18	pm	X									

Phoenix Sample #	
4/18-BE-07	23808
4/18-ME-08	23809
4/18-FB-10	23810
4/18-BE-13	23811
4/18-ME-14	23812
4-18-SE-17	23813
4-18-SE-18	23814
4-18-SE-19	23815

Relinquished by:	Accepted by:	Date:	Time:
	Monica Lee	4/25/11	10:00
		4/25/11	14:20

Comments, Special Requirements or Regulations:
Reporting limit must be less-than < 1ppm

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT.

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Friday, April 22, 2011

Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN-KENSINGTON
Sample ID#s: BA21498 - BA21505

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21503

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: BE-11 FAC B CAULK LINE BRICK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	*	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	*	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	48000	ug/Kg	04/22/11		MH	3540C/8082
Total PCBs	160000	48000	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	04/22/11		MH	3540C/8082
% TCMX	Diluted Out		%	04/22/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 25, 2011

QA/QC Data

SDG I.D.: GBA21498

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 174711, QC Sample No: BA21251 (BA21498, BA21499, BA21500, BA21501, BA21502, BA21503, BA21504, BA21505)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	103	6.0	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	99	8.7	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	89	92	3.3	NR	NR	NC
% TCMX (Surrogate Rec)	78	66	71	7.3	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: ~~Eagle Environmental LLC~~ 931 N. Main St. Bristol, CT
Address:

Project: Town of Berlin - Kensington Sch 903 Farmington Ave
Report to: Ashis Raychaudhuri
Invoice to: Same

Project P.O: 11-015.14
Phone #:
Fax #:

Client Sample Information - Identification

Sampler's Signature: Date 4-18-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18 ~~BE-01~~ BE-01	FAC. A CAULK LINE BRICK				X		1						2	1	4984
4/18 ME-02	FAC. A CAULK LINE MORTAR				X		1						2	1	4985
4/18 BE-05	FAC. D CAULK LINE BRICK				X		1						2	1	5000
4/18 ME-06	FAC. D CAULK LINE MORTAR				X		1						2	1	5001
4/18 FE-09	FAC. D FOUNDATION CAULK LINE				X		1						2	1	5002
4/18 BE-11	FAC. B CAULK LINE BRICK				X		1						2	1	5003
4/18 ME-12	FAC. B CAULK LINE MORTAR				X		1						2	1	5004
4/18 FE-15	FAC. B CAULK LINE FOUNDATION				X		1						2	1	5005

Relinquished by:	Accepted by:	Date:	Time:
		4-19-11	7:35 am

Comments, Special Requirements or Regulations:
Reporting limit below or less than < 1 ppm

8.9°C RCVD EG

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: BA23808 - BA23815

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23811

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 BE-13 1ST CUT LINE BRICK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	3300	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	63*		%	04/26/11		MH	3540C/8082
% TCMX	38*		%	04/26/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* The sample extracts were run undiluted causing the surrogates to be quantified above their calibration range.

Due to the very limited sample provided the requested reporting limit could not be achieved.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6° Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental INC.
Address: 53P N. Main St.
Bristol, CT 06010

Project: Town of Berlin, 903 Farmington Ave Project P.O: 11-015.14
Report to: Ashis Roychowdhury Phone #: 860-589-8257
Invoice to: Brandely LEBLANC Fax #: _____

Client Sample - Information - Identification

Sampler's Signature _____ Date 4/18/11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

8082

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18-BE-07	1st cut line Brick	S	4/18	pm	X									
4/18-ME-08	1st cut line Mortar	S	4/18	pm	X									
4/18-FB-10	Foundation-Brick junction	S	4/18	pm	X									
4/18-BE-13	1st cut line Brick	S	4/18	pm	X									
4/18-ME-14	1st cut line Mortar	S	4/18	pm	X									
4-18-SE-17	Soil 8" Composite	S	4/18	pm	X									
4-18-SE-18	Soil 16" Composite	S	4/18	pm	X									
4-18-SE-19	Soil 24" Composite	S	4/18	pm	X									

Phoenix Sample #	
4/18-BE-07	23808
4/18-ME-08	23809
4/18-FB-10	23810
4/18-BE-13	23811
4/18-ME-14	23812
4-18-SE-17	23813
4-18-SE-18	23814
4-18-SE-19	23815

Relinquished by:	Accepted by:	Date:	Time:
		4/25/11	12pm
		4/25/11	14:27

Comments, Special Requirements or Regulations:
Reporting limit must be less than < 1ppm

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT.

PHOENIX
Environmental Laboratories, Inc.

Friday, May 13, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE BERLIN CT
Sample ID#s: BA29668

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BS	05/09/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	05/10/11	13:49
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA29668
Phoenix ID: BA29668

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: EXTERIOR BRICK 1ST CUT OUTSIDE RM 018

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	05/11/11		JL	E160.3
Extraction for PCB	Completed			05/10/11		TB/K/E	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1221	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1232	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1242	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1248	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1254	19000	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1260	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1262	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
PCB-1268	ND	4000	ug/Kg	05/12/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	05/12/11		MH	3540C/8082
% TCMX	Diluted Out		%	05/12/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 16, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 16, 2011

QA/QC Data

SDG I.D.: GBA29668

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 176619, QC Sample No: BA29211 (BA29668)							
Polychlorinated Biphenyls							
PCB-1016	ND	99	86	14.1	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	94	96	2.1	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	86	88	89	1.1	NR	NR	NC
% TCMX (Surrogate Rec)	79	77	77	0.0	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 16, 2011

PHOENIX *Environmental Laboratories, Inc.*

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com   Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6   Pg 1 of 1

Data Delivery:
- [ ] Fax #: ______
- [ ] Email: ______

Customer: Eagle Environmental, Inc.
Address: 531 North Main St
Bristol, CT 06010

Project: 903 Farmington Ave, Berlin, CT
Report to: Ashis Roychowdhury
Invoice to: Brandy LeBlanc

Project P.O: 11-015.14
Phone #: (860) 589-8257
Fax #: (860) 585-7034

Client Sample - Information - Identification

Sampler's Signature: Ben Silverman   Date 5/9

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: Extraction: EPA Method 8082 (Soxhlet extraction) Analysis: EPA Method 3540C *

Containers: Soil VOA [ ]Methanol [ ]S. Bisulfate [ ]H2O; GL Soil container ( )oz; GL Soil container ( )oz; 40 ml VOA Vial [ ]As is [ ]HCl; GL Amber 1000ml [ ]As is [ ]H2SO4; PL As is [ ]250ml [ ]500ml [ ]1000ml; PL H2SO4 [ ]250ml [ ]500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Extraction: EPA Method 8082 (Soxhlet extraction) Analysis: EPA Method 3540C *	Containers
5/9-BE-01	Exterior Brick 1st Cut Outside Rm 018	S	5/9	PM	X	96608

Relinquished by:	Accepted by:	Date:	Time:
Ben Silverman	[signature]	5/10	AM
		5/10/11	13:49

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

CT/RI
- [ ] RCP Cert.
- [ ] GW Protect.
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [ ] Res. Vol.
- [ ] Ind. Vol.
- [ ] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other ______

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: CT

Comments, Special Requirements or Regulations:
* Reporting limit must be < 1ppm

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48340 - BB48347

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48340

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 4-28-EB-25

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	78		%	03/04/12		MH	30 - 150 %
% TCMX	82		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48341

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EB-26

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	850	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	850	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	76		%	03/04/12		MH	30 - 150 %
% TCMX	77		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48342

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EB-27

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	440	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	440	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	03/04/12		MH	30 - 150 %
% TCMX	81		%	03/04/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48343

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EB-28

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1221	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1232	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1242	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1248	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1254	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1260	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1262	ND	890	ug/Kg	03/01/12		MH	3540C/8082
PCB-1268	ND	890	ug/Kg	03/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	69		%	03/01/12		MH	30 - 150 %
% TCMX	87		%	03/01/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48344

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 4-28-EB-29 EXTERIOR BRICK AT WINDOW

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1221	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1232	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1242	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1248	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1254	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1260	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1262	ND	750	ug/Kg	03/01/12		MH	3540C/8082
PCB-1268	ND	750	ug/Kg	03/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	70		%	03/01/12		MH	30 - 150 %
% TCMX	81		%	03/01/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48340

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195227, QC Sample No: BB48326 (BB48340, BB48341, BB48342, BB48343, BB48344, BB48345)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	86	93	7.8				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	84	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	82	84	2.4				30 - 150	30
% TCMX (Surrogate Rec)	89	70	74	5.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195228, QC Sample No: BB48351 (BB48346, BB48347)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	112	2.7	97	99	2.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	97	4.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	75	78	3.9	73	75	2.7	30 - 150	30
% TCMX (Surrogate Rec)	100	78	76	2.6	77	80	3.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2 Pg 1 of 1 (001—)

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 903 Farmington Ave, Berlin, CT
Report to:
Invoice to:

Project P.O: 11-015,14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C
48340	4-28-EB-25	S	2-28-12	AM	✓
48341	4-28-EB-26	S	2-28-12	PM	✓
48342	4-28-EB-27	S	2-28-12	AM	✓
48343	4-28-EB-28	S	2-28-12	PM	✓
48344	4-28-EB-29	S	2-28-12	PM	✓
	(Exterior brick @ windows)				
48345	4-28-EM-30	S	2-28-12	PM	✓
48346	4-28-EM-31	S	2-28-12	PM	✓
48347	4-28-EM-32	S	2-28-12	PM	✓
	(Exterior mortar @ windows)				

Container columns: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
	[signature]	3/02/12	13:53

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

State where samples were collected: CT

PHOENIX
Environmental Laboratories, Inc.

Friday, April 22, 2011

Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN-KENSINGTON
Sample ID#s: BA21498 - BA21505

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21499

Project ID: TOWN OF BERLIN-KENSINGTON

Client ID: ME-02 FAC. A CAULK LINE MORTAR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	960	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	960	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	59*		%	04/22/11		MH	3540C/8082
% TCMX	35*		%	04/22/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* In order to reach the desired MDL, the sample extracts were run undiluted causing the surrogates to be quantified above their calibration range.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21501

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: ME-06 FAC. D CAULK LINE MORTAR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	*	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	*	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	610	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	610	ug/Kg	04/22/11		MH	3540C/8082
Total PCBs	5800	610	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	52		%	04/22/11		MH	3540C/8082
% TCMX	36		%	04/22/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

April 25, 2011

QA/QC Data

SDG I.D.: GBA21498

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 174711, QC Sample No: BA21251 (BA21498, BA21499, BA21500, BA21501, BA21502, BA21503, BA21504, BA21505)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	103	6.0	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	99	8.7	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	89	92	3.3	NR	NR	NC
% TCMX (Surrogate Rec)	78	66	71	7.3	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 25, 2011

CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp ____ Pg 1 of 1

Data Delivery:
☐ Fax #: ____
☐ Email: ____

Customer: Eagle Environmental Inc. 531 N. Main St. Bristol, CT
Address: ____

Project: Town of Berlin – Kensington 903 Farmington Ave. Project P.O: 11-015.14
Report to: Ashis Roychowdhury Phone #: ____
Invoice to: Same Fax #: ____

Client Sample - Information - Identification

Sampler's Signature [signature] Date 4-18-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: 8082

Bottle columns: Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O; GL Soil container (4)oz; GL Soil container ( )oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082	GL Soil container (4 oz)	Lab #
4/18 BE-01	FAC. A Caulk Line Brick				X	1	21498
4/18 ME-02	FAC. A Caulk Line Mortar				X	1	21499
4/18 BE-05	FAC. D Caulk Line Brick				X	1	21500
4/18 ME-06	FAC. D Caulk Line Mortar				X	1	21501
4/18 FE-09	FAC. D Foundation Caulk Line				X	1	21502
4/18 BE-11	FAC. B Caulk Line Brick				X	1	21503
4/18 ME-12	FAC. B Caulk Line Mortar				X	1	21504
4/18 FE-15	FAC. B Caulk Line Foundation				X	1	21505

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4-19-11	7:35 am

Comments, Special Requirements or Regulations:
Reporting limit below or less than < 1 ppm

8.9°C Recd EG

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other ____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: BA23808 - BA23815

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23809

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 ME-08 1ST CUT LINE MORTAR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	520	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	520	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	68		%	04/26/11		MH	3540C/8082
% TCMX	52		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental INC.
Address: 53P N. Main St. Bristol, CT. 06010

Project: Town of Berlin, 903 Farmington Ave Project P.O: 11-015.14
Report to: Ashis Roychoudhury Phone #: 860-589-8257
Invoice to: Brawley LEBLANC Fax #:

Client Sample - Information - Identification

Sampler's Signature _____ Date 4/18/11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: 8081

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18-BE07	1st cut line Brick	S	4/18	pm	X					23808				
4/18-ME-08	1st cut line Mortar	S	4/18	pm	X					23809				
4/18-FB-10	Foundation-Brick junction	S	4/18	pm	X					23810				
4/18-BE-13	1st Cut line Brick	S	4/18	pm	X					23811				
4/18-ME-14	1st cut line Mortar	S	4/18	pm	X					23812				
4-18-SE-17	Soil 5" Composite	S	4/18	pm	X					23813				
4-18.SE-18	Soil 16" Composite	S	4/18	pm	X					23814				
4-18.SE-19	Soil 24" Composite	S	4/18	pm	X					23815				

Relinquished by:	Accepted by:	Date:	Time:
		4/25/11	10⁰⁰
	Monica Lee	4/25/11	14:27

Comments, Special Requirements or Regulations:
Reporting limit must be less than < 1ppm

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT.

PHOENIX
Environmental Laboratories, Inc.

Friday, April 22, 2011

Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN-KENSINGTON
Sample ID#s: BA21498 - BA21505

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21504

Project ID: TOWN OF BERLIN-KENSINGTON

Client ID: ME-12 FAC B CAULK LINE MORTAR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	*	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	*	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	77000	ug/Kg	04/22/11		MH	3540C/8082
Total PCBs	320000	77000	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	04/22/11		MH	3540C/8082
% TCMX	Diluted Out		%	04/22/11		MH	3540C/8082

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: ME-12 FAC B CAULK LINE MORTAR

Phoenix I.D.: BA21504

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23812

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 ME-14 1ST CUT LINE MORTAR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	860	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	750	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	750	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	69		%	04/26/11		MH	3540C/8082
% TCMX	43		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 25, 2011

QA/QC Data

SDG I.D.: GBA21498

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 174711, QC Sample No: BA21251 (BA21498, BA21499, BA21500, BA21501, BA21502, BA21503, BA21504, BA21505)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	103	6.0	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	99	8.7	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	89	92	3.3	NR	NR	NC
% TCMX (Surrogate Rec)	78	66	71	7.3	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: ~~Eagle Environmental LLC~~ 531 N. Main St. Bristol, CT
Address:
903 Farmington Ave

Project: Town of Berlin - Kensington Sch Project P.O: 11-015.14
Report to: Ashis Raychaudhuri Phone #:
Invoice to: Same Fax #:

Client Sample - Information - Identification

Sampler's Signature: Date 4-18-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As'is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18 ~~BE-01~~ BE-01	FAC. A CAULK LINE BRICK				X		J						2	1	4 9 8
4/18 ME-02	FAC. A CAULK LINE MORTAR				X		J						2	1	4 9 9
4/18 BE-05	FAC. D CAULK LINE BRICK				X		J						2	1	5 0 0
4/18 ME-06	FAC. D CAULK LINE MORTAR				X		J						2	1	5 0 1
4/18 FE-09	FAC. D FOUNDATION CAULK LINE				X		J						2	1	5 0 2
4/18 BE-~~13~~	FAC. B CAULK LINE BRICK				X		J						2	1	5 0 3
4/18 ME-~~14~~	FAC. B CAULK LINE MORTAR				X		J						2	1	5 0 4
4/18 FE-15	FAC. B CAULK LINE FOUNDATION				X		J						2	1	5 0 5

Relinquished by:	Accepted by:	Date:	Time:
		4-19-11	7:35 am

Comments, Special Requirements or Regulations:
Reporting limit below or less than < 1 PPM

8.9°C RCVD EG

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48340 - BB48347

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48345

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EM-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1221	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1232	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1242	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1248	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1254	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1260	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1262	ND	610	ug/Kg	03/01/12		MH	3540C/8082
PCB-1268	ND	610	ug/Kg	03/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	75		%	03/01/12		MH	30 - 150 %
% TCMX	88		%	03/01/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48346

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EM-31

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1221	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1232	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1242	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1248	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1254	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1260	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1262	ND	540	ug/Kg	03/01/12		MH	3540C/8082
PCB-1268	ND	540	ug/Kg	03/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	72		%	03/01/12		MH	30 - 150 %
% TCMX	90		%	03/01/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48340
Phoenix ID: BB48347

Project ID: 903 FARMINGTON AVE., BERLIN

Client ID: 4-28-EM-32 EXTERIOR MORTER AT WINDOW

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1221	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1232	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1242	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1248	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1254	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1260	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1262	ND	780	ug/Kg	03/01/12		MH	3540C/8082
PCB-1268	ND	780	ug/Kg	03/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	74		%	03/01/12		MH	30 - 150 %
% TCMX	88		%	03/01/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48340

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195227, QC Sample No: BB48326 (BB48340, BB48341, BB48342, BB48343, BB48344, BB48345)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	86	93	7.8				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	84	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	82	84	2.4				30 - 150	30
% TCMX (Surrogate Rec)	89	70	74	5.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195228, QC Sample No: BB48351 (BB48346, BB48347)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	112	2.7	97	99	2.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	97	4.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	75	78	3.9	73	75	2.7	30 - 150	30
% TCMX (Surrogate Rec)	100	78	76	2.6	77	80	3.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp C° Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [ ] Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 303 Farmington Ave, Berlin, CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SVOC 8270C / 8260C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
48340	4-28-EB-25	S	2-28-12	AM	✓										
48341	4-28-EB-26	S	2-28-12	PM	✓										
48342	4-28-EB-27	S	2-28-12	AM	✓										
48343	4-28-EB-28	S	2-28-12	PM	✓										
48344	4-28-EB-29	S	2-28-12	PM	✓										
	(Exterior brick @ windows)														
48345	4-28-EM-30	S	2-28-12	PM	✓										
48346	4-28-EM-31	S	2-28-12	PM	✓										
48347	4-28-EM-32	S	2-28-12	PM	✓										
	(Exterior mortar @ windows)														

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11:00
	[signature]	2/29/12	13:53

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Friday, April 22, 2011

Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN-KENSINGTON
Sample ID#s: BA21498 - BA21505

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21502

Project ID: TOWN OF BERLIN-KENSINGTON
Client ID: FE-09 FAC. D FOUNDATION CAULK LINE

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1221	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1232	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1242	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1248	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1254	*	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1260	*	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1262	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
PCB-1268	ND	7000	ug/Kg	04/22/11		MH	3540C/8082
Total PCBs	69000	7000	ug/Kg	04/22/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	04/22/11		MH	3540C/8082
% TCMX	Diluted Out		%	04/22/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 22, 2011

FOR: Attn: Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LB	04/19/11	7:35
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA21498
Phoenix ID: BA21505

Project ID: TOWN OF BERLIN-KENSINGTON

Client ID: FE-15 FAC B CAULK LINE FOUNDATION

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/19/11			E160.3
Caulk Extraction for PCB	Completed			04/19/11		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1221	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1232	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1242	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1248	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1254	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1260	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1262	ND	550	ug/Kg	04/20/11		MH	3540C/8082
PCB-1268	ND	550	ug/Kg	04/20/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	118		%	04/20/11		MH	3540C/8082
% TCMX	100		%	04/20/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH
NY # 11301

QA/QC Report

April 25, 2011

QA/QC Data

SDG I.D.: GBA21498

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 174711, QC Sample No: BA21251 (BA21498, BA21499, BA21500, BA21501, BA21502, BA21503, BA21504, BA21505)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	103	6.0	*	*	NC
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	99	8.7	*	*	NC
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	89	92	3.3	NR	NR	NC
% TCMX (Surrogate Rec)	78	66	71	7.3	NR	NR	NC

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 25, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: ~~Eagle Environmental Inc~~ 531 N. Main St. Bristol, CT. 903 Farmington Ave
Address:

Project: Town of Berlin - Kensington Sch Project P.O: 11-015.14
Report to: Ashis Raychaudhuri Phone #:
Invoice to: Same Fax #:

Client Sample - Information - Identification

Sampler's Signature: Date 4-18-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (9) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
~~4/18~~ BE-01	FAC. A CAULK LINE BRICK				X		1						2	1	4 9 8
4/18 ME-02	FAC. A CAULK LINE MORTAR				X		1						2	1	4 9 9
4/18 BE-05	FAC. D CAULK LINE BRICK				X		1						2	1	5 0 0
4/18 ME-06	FAC. D CAULK LINE MORTAR				X		1						2	1	5 0 1
4/18 FE-09	FAC. D FOUNDATION CAULK LINE				X		1						2	1	5 0 2
4/18 BE-11	FAC. B CAULK LINE BRICK				X		1						2	1	5 0 3
4/18 ME-12	FAC. B CAULK LINE MORTAR				X		1						2	1	5 0 4
4/18 FE-15	FAC. B CAULK LINE FOUNDATION				X		1						2	1	5 0 5

Relinquished by:	Accepted by:	Date:	Time:
		4-19-11	7 35 am

Comments, Special Requirements or Regulations:
Reporting limit below or less than < 1 PPM

8.9°C RCVD EG

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE BERLIN CT
Sample ID#s: BB48324 - BB48333

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48324

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FE-16

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	370	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	370	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	81		%	03/04/12		MH	30 - 150 %
% TCMX	75		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48325

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FE-17

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	81		%	03/04/12		MH	30 - 150 %
% TCMX	83		%	03/04/12		MH	30 - 150 %

Project ID: 903 FARMINGTON AVE BERLIN CT
Client ID: 2-28-FE-17

Phoenix I.D.: BB48325

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48326

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FE-18

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	350	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	350	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	88		%	03/02/12		AW	30 - 150 %
% TCMX	76		%	03/02/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48327

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FE-19

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	90		%	03/02/12		AW	30 - 150 %
% TCMX	76		%	03/02/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48328

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FE-19A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	82		%	03/02/12		AW	30 - 150 %
% TCMX	67		%	03/02/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48324

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48324, BB48325)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195227, QC Sample No: BB48326 (BB48326, BB48327, BB48328, BB48329, BB48330, BB48331, BB48332, BB48333)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	86	93	7.8				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	84	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	82	84	2.4				30 - 150	30
% TCMX (Surrogate Rec)	89	70	74	5.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

SW1

Temp 6 Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 983 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3450C

Containers: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3450C
48324	2-28-FE-16	S	2-28-12	PM	✓
48325	2-28-FE-17	S	2-28-12	PM	✓
48326	2-28-FE-18	S	2-28-12	PM	✓
48327	2-28-FE-19	S	2-28-12	PM	✓
48328	2-28-FE-19A	S	2-28-12	PM	✓
	(concrete foundation)				
48329	2-28-FB-20	S	2-28-12	AM	✓
48330	2-28-FB-21	S	2-28-12	AM	✓
	(brick foundation)				
48331	2-28-FM-22	S	2-28-12	AM	✓
48332	2-28-FM-23	S	2-28-12	AM	✓
48333	2-28-FM-24	S	2-28-12	AM	✓

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-28/12	11:00
[signature]		2/29/12	3:51

Comments, Special Requirements or Regulations:
(2-28-FM-22, 23, 24 = mortar @ foundation)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☑ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: BA23808 - BA23815

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23810

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Client ID: 4/18 FB-10 FOUNDATION BRICK JUNCTION

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	540	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	540	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	62*		%	04/26/11		MH	3540C/8082
% TCMX	37*		%	04/26/11		MH	3540C/8082

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* In order to reach the desired MDL, the sample extracts were run undiluted causing the surrogates to be quantified above their calibration range.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 60 Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental INC.
Address: 53P N. Main St.
Bristol, CT. 06010

Project: Town of Berlin, 903 Farmington Ave Project P.O: 11-015.14
Report to: Ashis Roychowdhury Phone #: 860-589-8257
Invoice to: Brawley LEBLANC Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 4/18/11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

8082

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18-BE-07	1st cut line Brick	S	4/18	pm	X					23808				
4/18-ME-08	1st cut line Mortar	S	4/18	pm	X					23809				
4/18-FB-10	Foundation-Brick junction	S	4/18	pm	X					23810				
4/18-BE-13	1st cut line Brick	S	4/18	pm	X					23811				
4/18-ME-14	1st cut line Mortar	S	4/18	pm	X					23812				
4-18-SE-17	Soil 8" Composite	S	4/18	pm	X					23813				
4-18-SE-18	Soil 16" Composite	S	4/18	pm	X					23814				
4-18-SE-19	Soil 24" Composite	S	4/18	pm	X					23815				

Relinquished by:	Accepted by:	Date:	Time:
	[signature]	4/25/11	12pm
	[signature]	4/25/11	14:28

Comments, Special Requirements or Regulations:
Reporting limit must be less than < 1ppm

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT.

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE BERLIN CT
Sample ID#s: BB48324 - BB48333

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48329

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FB-20

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	790	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	790	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	03/02/12		AW	30 - 150 %
% TCMX	76		%	03/02/12		AW	30 - 150 %

Project ID: 903 FARMINGTON AVE BERLIN CT
Client ID: 2-28-FB-20

Phoenix I.D.: BB48329

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48330

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FB-21

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	480	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	480	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	78		%	03/02/12		AW	30 - 150 %
% TCMX	71		%	03/02/12		AW	30 - 150 %

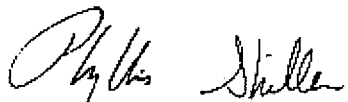
Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level



Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48324

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48324, BB48325)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195227, QC Sample No: BB48326 (BB48326, BB48327, BB48328, BB48329, BB48330, BB48331, BB48332, BB48333)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	86	93	7.8				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	84	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	82	84	2.4				30 - 150	30
% TCMX (Surrogate Rec)	89	70	74	5.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 0 Pg 1 of 1

Data Delivery:
- ☐ Fax #:
- ☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 963 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3545A	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
48324	2-28-FE-16	S	2-28-12	PM	✓										
48325	2-28-FE-17	S	2-28-12	PM	✓										
48326	2-28-FE-18	S	2-28-12	PM	✓										
48327	2-28-FE-19	S	2-28-12	PM	✓										
48328	2-28-FE-19A	S	2-28-12	PM	✓										
	(concrete foundation)														
48329	2-28-FB-20	S	2-28-12	AM	✓										
48330	2-28-FB-21	S	2-28-12	AM	✓										
	(brick foundation)														
48331	2-28-FM-22	S	2-28-12	AM	✓										
48332	2-28-FM-23	S	2-28-12	AM	✓										
48333	2-28-FM-24	S	2-28-12	AM	✓										

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-29-12	11:00
	[signature]	2/29/12	13:51

Comments, Special Requirements or Regulations:
(2-28-FM-22,23,24 = mortar @ foundation)

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☒ 3 Days*
- ☐ Standard
- ☐ Other

* SURCHARGE APPLIES

RI
- ☐ Direct Exposure (Residential)
- ☐ GW
- ☐ Other

CT
- ☐ RCP Cert
- ☐ GW Protection
- ☐ SW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ Residential DEC
- ☐ I/C DEC
- ☐ Other

MA
- ☐ MCP Certification
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected: CT

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other

Data Package
- ☐ Tier II Checklist
- ☐ Full Data Package*
- ☐ Phoenix Std Report
- ☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories Inc

Monday, March 12, 2012

Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINTON AVE., BERLIN
Sample ID#s: BB51078 - BB51083

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51081

Project ID: 903 FARMINTON AVE., BERLIN
Client ID: 3-6-4 EB2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/08/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	750	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	750	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	86		%	03/09/12		MH	30 - 150 %
% TCMX	91		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51082

Project ID: 903 FARMINTON AVE., BERLIN
Client ID: 3-6-5 EB2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/08/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	380	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	79		%	03/09/12		MH	30 - 150 %
% TCMX	83		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51083

Project ID: 903 FARMINTON AVE., BERLIN

Client ID: 3-6-6 EB2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/09/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	390	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	390	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	03/09/12		MH	30 - 150 %
% TCMX	84		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

March 12, 2012

QA/QC Data

SDG I.D.: GBB51078

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195618, QC Sample No: BB50990 (BB51078, BB51079, BB51080, BB51081, BB51082, BB51083)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	105	112	6.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	98	5.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	77	70	71	1.4				30 - 150	30
% TCMX (Surrogate Rec)	92	76	76	0.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 22 ONL Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 503 Farmington Ave Berlin CT
Report to: Brady LeBlanc
Invoice to: Same

Project P.O:
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 3-6-12

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
51078	3-6-1-EM2	S	3-6-12	PM
51079	3-6-2-EM2	S	3-6-12	PM
51080	3-6-3-EM2	S	3-6-12	PM
	(exterior mortar by expansion joint course 2)			
51081	3-6-4-EB2	S	3-6-12	PM
51082	3-6-5-EB2	S	3-6-12	PM
51083	3-6-6-EB2	S	3-6-12	PM
	(exterior mortar by expansion joint course 2)			

Analysis Request

SW846-8082/3540C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
✓			1							
✓			1							
✓			1							
✓			1							
✓			1							
✓			1							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	3/7/12	16:57

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc

Tuesday, March 06, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE BERLIN CT
Sample ID#s: BB48324 - BB48333

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

nelac NY # 11301

Analysis Report
March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48331

Project ID: 903 FARMINGTON AVE BERLIN CT
Client ID: 2-28-FM-22

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	560	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	83		%	03/02/12		AW	30 - 150 %
% TCMX	67		%	03/02/12		AW	30 - 150 %

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48332

Project ID: 903 FARMINGTON AVE BERLIN CT
Client ID: 2-28-FM-23

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	*	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	*	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
Total PCBs	25000	4700	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	03/02/12		AW/MH	30 - 150 %
% TCMX	Diluted Out		%	03/02/12		AW/MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 06, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/29/12	13:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48324
Phoenix ID: BB48333

Project ID: 903 FARMINGTON AVE BERLIN CT

Client ID: 2-28-FM-24

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		MB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1221	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1232	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1242	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1248	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1254	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1260	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1262	ND	560	ug/Kg	03/02/12		AW	3540C/8082
PCB-1268	ND	560	ug/Kg	03/02/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	86		%	03/02/12		AW	30 - 150 %
% TCMX	65		%	03/02/12		AW	30 - 150 %

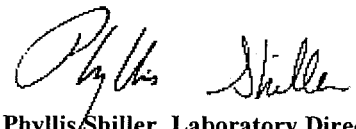
Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level



Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC
NY # 11301

QA/QC Report

March 06, 2012

QA/QC Data

SDG I.D.: GBB48324

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195216, QC Sample No: BB48197 (BB48324, BB48325)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	96	12.7	104	96	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	83	9.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	83	76	8.8	94	90	4.3	30 - 150	30
% TCMX (Surrogate Rec)	92	85	75	12.5	86	78	9.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195227, QC Sample No: BB48326 (BB48326, BB48327, BB48328, BB48329, BB48330, BB48331, BB48332, BB48333)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	86	93	7.8				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	84	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	82	84	2.4				30 - 150	30
% TCMX (Surrogate Rec)	89	70	74	5.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 06, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 0 Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 305 Farmington Ave Berlin CT
Report to: _____
Invoice to: _____

Project P.O: 11-015.14A
Phone #: _____
Fax #: _____

Sampler's Signature: _____ Date: 2-28-12

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: Suite 46 - 8082 / 3450
48324	2-28-FE-16	S	2-28-12	PM	✓
48325	2-28-FE-17	S	2-28-12	PM	✓
48326	2-28-FE-18	S	2-28-12	PM	✓
48327	2-28-FE-19	S	2-28-12	PM	✓
48328	2-28-FE-19A	S	2-28-12	PM	✓
	(concrete foundation)				
48329	2-28-FB-20	S	2-28-12	AM	✓
48330	2-28-FB-21	S	2-28-12	AM	✓
	(brick foundation)				
48331	2-28-FM-22	S	2-28-12	AM	✓
48332	2-28-FM-23	S	2-28-12	AM	✓
48333	2-28-FM-24	S	2-28-12	AM	✓

Soil VOA Vials [ ] methanol [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
		2-29-12	1:00
		2-29-12	3:51

Comments, Special Requirements or Regulations:
(2-28-FM-22,23,24 = masonry foundation)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc

Monday, March 12, 2012

Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINTON AVE., BERLIN
Sample ID#s: BB51078 - BB51083

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51078

Project ID: 903 FARMINTON AVE., BERLIN
Client ID: 3-6-1 EM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/08/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	540	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	540	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	85		%	03/09/12		MH	30 - 150 %
% TCMX	92		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

nelac NY # 11301

Analysis Report
March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51079

Project ID: 903 FARMINTON AVE., BERLIN
Client ID: 3-6-2 EM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/08/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	380	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	380	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	83		%	03/09/12		MH	30 - 150 %
% TCMX	84		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 12, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JT	03/06/12	0:00
Location Code:	EAGLEENV	Received by:	LB	03/07/12	16:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB51078
Phoenix ID: BB51080

Project ID: 903 FARMINTON AVE., BERLIN
Client ID: 3-6-3 EM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	03/08/12		LB	E160.3
Extraction for PCB	Completed			03/07/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1221	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1232	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1242	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1248	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1254	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1260	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1262	ND	340	ug/Kg	03/09/12		MH	3540C/8082
PCB-1268	ND	340	ug/Kg	03/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	87		%	03/09/12		MH	30 - 150 %
% TCMX	88		%	03/09/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 12, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 12, 2012

QA/QC Data

SDG I.D.: GBB51078

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195618, QC Sample No: BB50990 (BB51078, BB51079, BB51080, BB51081, BB51082, BB51083)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	105	112	6.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	98	5.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	77	70	71	1.4				30 - 150	30
% TCMX (Surrogate Rec)	92	76	76	0.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 12, 2012

CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 22 ONL Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 503 Farmington Ave Berlin CT
Report to: Brandy LeBlanc
Invoice to: Same

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 3-6-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082/3540C

Container columns: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container (4) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ]250ml [ ]500ml [ ]1000ml; PL H2SO4 [ ]250ml [ ]500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082/3540C	GL Soil container (4) oz
51078	3-6-1-EM2	S	3-6-12	PM	✓	1
51079	36-2-EM2	S	3-6-12	PM	✓	1
51080	3-6-3-EM2	S	3-6-12	PM	✓	1
	(exterior mortar by x-joint course 2)					
51081	3-6-4-EB2	S	3-6-12	PM	✓	1
51082	3-6-5-EB2	S	3-6-12	PM	✓	1
51083	3-6-6-EB2	S	3-6-12	PM	✓	1
	(exterior ~~mortar~~ brick by x-joint course 2)					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	3/7/12	1657

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Wednesday, March 07, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48348 - BB48356

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48354

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-EA-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
Total PCBs	690	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	106		%	03/02/12		AW/MH	30 - 150 %
% TCMX	97		%	03/02/12		AW/MH	30 - 150 %

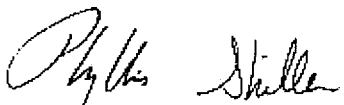
Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level



Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.1				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48355

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-EA-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	89		%	03/02/12		AW/MH	30 - 150 %
% TCMX	91		%	03/02/12		AW/MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48356

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-EA-3 EXTERIOR ASPHALT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	82		%	03/02/12		AW/MH	30 - 150 %
% TCMX	84		%	03/02/12		AW/MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 07, 2012

QA/QC Data

SDG I.D.: GBB48348

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195228, QC Sample No: BB48351 (BB48348, BB48349, BB48350, BB48351, BB48352, BB48353, BB48354, BB48355, BB48356)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	109	112	2.7	97	99	2.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	97	4.2	*	*	NC	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	75	78	3.9	73	75	2.7	30 - 150	30
% TCMX (Surrogate Rec)	100	78	76	2.6	77	80	3.8	30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT

Project: 303 Farmington Ave Bristol CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SW846-8082/3540C
48348	2-28-SE-20	S	2-28-12	PM	✓
48349	2-28-SE-21	S	2-28-12	PM	✓
48350	2-28-SE-22	S	2-28-12	PM	✓
	(exterior gravel)				
48351	2-28-SE-23	S	2-28-12	PM	✓
48352	2-28-SE-24	S	2-28-12	PM	✓
48353	2-28-SE-25	S	2-28-12	PM	✓
	(exterior soil)				
48354	2-28-EA-1	S	2-28-12	PM	✓
48355	2-28-EA-2	S	2-28-12	PM	✓
48356	2-28-EA-3	S	2-28-12	PM	✓
	(exterior asphalt)				

Soil VOA Vials [ ] methanol [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/29/12	11am
	T. Connolly	2/29/12	13:58

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

APPENDIX C

TABLE 2.1.3: COMPOSITE SAMPLING OF EXTERIOR SOIL - RESULT SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY

TABLE III
PCB CONTAINING MATERIALS
SOIL SUMMARY TABLE
903 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SAMPLE DATE	SAMPLE LOCATION	SAMPLE #	TYPE	DESCRIPTION	RESULT (PPM)			ESTIMATED QUANTITY
					ND/ <1 PPM	>1 PPM - <50 PPM	>50 PPM	
4-18-2011	Area 1	4-18-11-SE-17	F	Soil adjacent to façade A (composite)	ND			N/A
		4-18-11-SE-18			ND			
		4-18-11-SE-19			ND			
2-28-2012	Area 2	2-28-SE-20	E	Gravel between façade D wall and asphalt driveway		**1.98**		70 CF
	Area 3	2-28-SE-21			ND			N/A
	Area 4	2-28-SE-22				**3.24**		70 CF
2-28-2012	Area 5	2-28-SE-23	F	Soil between façade D wall and asphalt driveway and soil between façade D wall and adjacent building		**8.4**		70 CF
	Area 6	2-28-SE-24				**3.06**		70 CF
	Area 7	2-28-SE-25				**10.2**		70 CF

KEY	ANALYTICAL METHOD
ND = NON DETECTED	**SW 846-8082 / 3540C**
*** Bold sample numbers indicates presence of PCB in excess of 1 PPM**	

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE
Sample ID#s: BA23808 - BA23815

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23813

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 SE-17 SOIL 8 INCH COMPOSITE

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	490	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	490	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	04/26/11		MH	3540C/8082
% TCMX	97		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23814

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 SE-18 SOIL 16 INCH COMPOSITE

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	480	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	70		%	04/26/11		MH	3540C/8082
% TCMX	80		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/18/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:22
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.14				

Laboratory Data

SDG ID: GBA23808
Phoenix ID: BA23815

Project ID: TOWN OF BERLIN -903 FARMINGTON AVE

Client ID: 4/18 SE-19 SOIL 24 INCH COMPOSITE

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	450	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	450	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	76		%	04/26/11		MH	3540C/8082
% TCMX	90		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6° Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental INC. Project: Town of Berlin, 903 Farmington Ave Project P.O: 11-015.14
Address: 53P N-Main St. Report to: Ashis Roychowdhury Phone #: 860-589-8257
Bristol, CT 06010 Invoice to: Brandley LEBLANC Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 4/18/11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8082	Soil VOA [ ] Methanol [ ]	GL Soil container [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
4/18-BE07	1st Cut line Brick	S	4/18	7pm	X										
4/18-ME-08	1st Cut line Mortar	S	4/18	pm	X										
4/18-FB-10	Foundation-Brick junction	S	4/18	pm	X										
4/18-BE-13	1st Cut line Brick	S	4/18	pm	X										
4/18-ME-14	1st cut line Mortar	S	4/18	pm	X										
4-18-SE-17	Soil 8" Composite	S	4/18	pm	X										
4-18.SE-18	Soil 16" Composite	S	4/18	pm	X										
4-18.SE-19	Soil 24" Composite	S	4/18	pm	X										

Relinquished by:	Accepted by:	Date:	Time:
		4/25/11	12pm
		4/25/11	14:27

Comments, Special Requirements or Regulations:
Reporting limit must be less than < 1ppm

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT.

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc

Wednesday, March 07, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 903 FARMINGTON AVE., BERLIN
Sample ID#s: BB48348 - BB48356

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48348

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-20

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
Total PCBs	330	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	121		%	03/02/12		AW/MH	30 - 150 %
% TCMX	112		%	03/02/12		AW/MH	30 - 150 %

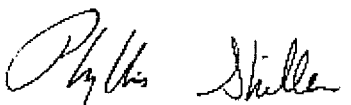
Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level



Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48349

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-21

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	91		%	03/02/12		AW/MH	30 - 150 %
% TCMX	90		%	03/02/12		AW/MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48350

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-22 EXTERIOR GRAVEL

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
Total PCBs	540	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	120		%	03/02/12		AW/MH	30 - 150 %
% TCMX	115		%	03/02/12		AW/MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48351

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-23

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1254	*	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1260	*	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/04/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/04/12		MH	3540C/8082
Total PCBs	1400	330	ug/Kg	03/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	108		%	03/04/12		MH	30 - 150 %
% TCMX	111		%	03/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

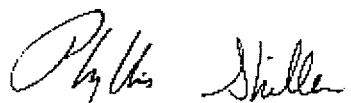
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48352

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-24

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	510	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	90		%	03/02/12		AW/MH	30 - 150 %
% TCMX	88		%	03/02/12		AW/MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
March 07, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/28/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/29/12	13:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.14A				

Laboratory Data

SDG ID: GBB48348
Phoenix ID: BB48353

Project ID: 903 FARMINGTON AVE., BERLIN
Client ID: 2-28-SE-25 EXTERIOR SOIL

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/29/12		SB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1221	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1232	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1242	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1248	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1254	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1260	*	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1262	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
PCB-1268	ND	330	ug/Kg	03/02/12		AW/MH	3540C/8082
Total PCBs	1700	330	ug/Kg	03/02/12		AW/MH	3540C/8082
QA/QC Surrogates							
% DCBP	118		%	03/02/12		AW/MH	30 - 150 %
% TCMX	114		%	03/02/12		AW/MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
March 07, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23808

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23808, BA23809, BA23810, BA23811, BA23812, BA23813, BA23814, BA23815)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT

Project: 903 Farmington Ave Berlin CT
Report to:
Invoice to:

Project P.O: 11-015.14A
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-28-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8021/3546

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
48348	2-28-SE-20	S	2-28-12	PM
48349	2-28-SE-21	S	2-28-12	PM
48350	2-28-SE-22	S	2-28-12	PM
	(exterior gravel)			
48351	2-28-SE-23	S	2-28-12	PM
48352	2-28-SE-24	S	2-28-12	PM
48353	2-28-SE-25	S	2-28-12	PM
	(exterior soil)			
48354	2-28-EA-1	S	2-28-12	PM
48355	2-28-EA-2	S	2-28-12	PM
48356	2-28-EA-3	S	2-28-12	PM
	(exterior asphalt)			

Soil VOA Vials [ ] methanol [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature] T. Connolly	2/29/12	11am
		2/29/12	13:58

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

APPENDIX D

TECHNICAL SPECIFICATION SECTION

SECTION 02110: SPECIFICATION FOR PCB REMEDIATION OF WINDOW CAULK, SEAM CAULK, WINDOW GLAZING COMPOUND, AND SOIL

PART 1 - GENERAL

1.0 SECTION INCLUDES

A. Window, foundation, wall seam, and expansion joint caulk and adjacent substrate materials containing greater than or equal to fifty (50) ppm PCB have been identified at the former Kensington Furniture Company Warehouse located at 903 Farmington Avenue in Berlin, Connecticut (subject site).

B. Window glazing compounds, porous substrates, and soil/gravel containing greater than one (1) but less than fifty (50) ppm PCB have also been identified at the subject site.

C. Removal of the specified source caulk and glazing compound and removal of contaminated substrate materials, building components (i.e window frames and sashes) and soil shall be performed in accordance with this specification.

D. Cleaning of steel lintels and I-Beams.

1.1 GENERAL REQUIREMENTS

A. The Contractor shall furnish all labor, materials, facilities, equipment, installation services, employee training, notifications, permits, licenses, certifications, agreements and incidentals necessary to perform the specified work.

B. Work shall be performed in accordance with the contract documents, the most recent regulations from the Occupational Safety and Health Administration (OSHA), the United States Environmental Protection Agency (USEPA), the State of Connecticut Department of Energy and Environmental Protection (DEEP) and all other applicable federal, state and local agencies. Whenever the requirements of the above references conflict or overlap, the more stringent provision shall apply.

C. All project personnel engaged in the remediation work covered under this section shall be trained with OSHA 40-Hour HAZWOPER training in accordance with OSHA Regulations 29 CFR 1910 and 1926.

D. The Contractor shall provide a Project Health and Safety Officer having a minimum of eight (8) hours of supervisor training in hazardous waste site operations in accordance with the requirements of 29 CFR 1910. The supervisor must be on site at all times during remediation work.

E. Grey caulk associated with the exterior metal windows, foundation and wall seam caulk, and expansion joint caulk have also been confirmed to contain regulated concentrations of asbestos.

F. The Contractor shall be responsible for removing and disposing of all scheduled materials as indicated in Section 1.3 below and on Diagram 1-3 (PCB 1.1) of the Self Implementing On-Site Cleanup and Disposal Plan (SIP).

1.2 PCB Waste Classification

Materials classified as PCB Bulk Product Waste include PCB Remediation Waste greater than or equal to fifty (50) ppm (i.e brick/mortar and concrete) to simplify the characterization of Remediation Wastes with regard to handling, transportation, and disposal requirements.

Disposable cleaning and abatement equipment, tools, and supplies such as containment barriers, rags, disposable protective clothing, etc. used in the remediation of PCB Bulk Product Wastes, Mixed Regulated Asbestos – PCB Bulk Product Waste, or PCB Remediation Waste greater than or equal to fifty (50) ppm shall be handled and disposed of as Mixed Regulated Asbestos – PCB Remediation Waste greater than fifty (50) ppm.

Disposable cleaning and abatement equipment, tools, and supplies such as containment barriers, rags, disposable prottective clothing, etc. used in the remediation of the window glazing compounds and sashes, the course 2 brick and mortar on Side B of the building, and the soil may be disposed of as PCB Remediation Waste less than fifty (50) ppm.

Source Material	Locations	PCB ppm	Quantity	Associated Substrate	PCB ppm (designation)	Quantity
Grey window glazing compound	Exterior metal window sashes	<50	329 LF	Metal/glass sashes	<50	47 sashes
Grey window frame caulk	Exterior metal window frames Facades A and D	≥50	127 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	127 LF
	Exterior metal window frames Façade B	≥50	12 LF	Brick/Mortar	Course 1: ≥50 Course 2: <50 Course 3: ND	12 LF
Grey foundation seam caulk	Foundation seams Facade B	≥50	12 LF	Concrete	Course 1: ND	N/A
	Foundation seams Facade D	≥50	48 LF	Concrete	Course 1: ≥50 Course 2: ND	119 LF
	Foundation seams Facades B and D	≥50	24 LF	Brick/Mortar	Course 1: ND	24 LF
Grey wall seam/crack caulk	Exterior walls Facades A, B, and D	≥50	49 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	26 LF
				Steel lintels and I-beams	Assumed: ≥50	23 LF
Grey expansion joint caulk	Expansion joint Façade D	≥50	1 LF	Concrete	Course 1: ≥50 Course 2: ND	1 LF
	Expansion joint Façade D	≥50	20 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	40 LF
Soil/Gravel	Façade D, Area 2			Soil/Gravel	< 50	70 CF
	Façade D, Area 4				< 50	70 CF
	Façade D, Area 5				< 50	70 CF
	Façade D, Area 6				< 50	70 CF
	Façade D, Area 7				< 50	70 CF

1.3 SUBMITTALS

A. The following documents shall be submitted to the Owner's Consultant:

1. Work Plan: A written work plan that describes the methods to be used for the removal and containment of the window frames, window sashes, caulk, glazing compound, and

associated debris, and the contractor's plan to protect workers and to prevent PCB contamination migration from the work areas. The work plan shall include floor plans and/or site plans indicating the proposed work areas, phasing and containment and security barriers for all PCB removal work as outlined in this Specification.

2. Training Documentation: Documentation of OSHA 40-Hour HAZWOPER Training for all employees and subcontractors to be used for the remediation work and 8-Hour HAZWOPER Supervisor Training for the designated on-site Health and Safety Officer for the remediation work.

3. PCB Disposal Plan: A written plan that details the Contractor's plan for loading, temporary storage, transportation, and disposal of PCB-containing wastes generated during the project. The Disposal Plan shall identify:

   a. Waste packaging, labeling, placarding, and manifesting procedures,
   b. The name, address and 24-hour contact number for the proposed treatment or disposal facility or facilities to which waste generated during the project will be transported.
   c. The name, address, contact person(s), and state-specific permit numbers for proposed waste transporters, and EPA identification number for firms that will transport hazardous waste.
   d. The license plate numbers of vehicles to be used in transporting of the waste from the site to the disposal facility.
   e. The route(s) by which the waste will be transported to the designated disposal facility, and states or territories through which the waste will pass if the waste is to be disposed of outside of the State of Connecticut.

4. Material Safety Data Sheets: Material Safety Data Sheets (OSHA Form 174 or equivalent) and manufacturer's information shall be provided for all chemicals and materials to be used during the project.

B. The following documents shall be submitted to the Owner’s Consultant within twenty one (21) calendar days following removal of waste from the site:

1. Waste Profile Sheets
2. Pre-Disposal Analysis Test Results (If required by disposal facility)
3. Manifests signed by the disposal facility
4. Tipping Receipts provided by the disposal facility
5. Certification of Final Treatment Disposal signed by the responsible disposal facility official.

1.4 APPLICABLE STANDARDS AND REGULATIONS

A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only. Where a conflict or overlap among regulations and/or these specifications exist, the most stringent requirements shall apply. The Owner’s Consultant will determine which requirements are most stringent.

1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

   a. ANSI,Z89,1 Personnel Protective Equipment-Protective Headwear for Industrial Workers-Requirements (Latest Revision) ANSI.Z87

2. CODE OF FEDERAL REGULATIONS (CFR)

a.	29 CFR Subpart D	Walking-Working Surface
b.	29 CFR 1910.120	Hazardous Waste Operations and Emergency Response
c.	29 CFR 1910.134	Respiratory Protection Standard
d.	29 CFR 1910.1200	Hazard Communication
e.	29C FR 1926.20	General Health and Safety Provisions
f.	29CFR 1926.57	Ventilation
g.	29 CFR 1926.59	Hazard Communication Program
h.	29 CFR 1926.62	Lead Exposure in Construction
i.	29 CFR 1926.65	Hazardous Waste Operations and Emergency Response
j.	29 CFR 1926.95	Criteria for Personal Protective Equipment
k.	29 CFR 1926, Subpart H	Materials Handling, Storage, Use and Disposal
l.	29 CFR 1926, Subpart L	Scaffolding
m.	29 CFR 1926, Subpart M	Fall Protection
n.	29 CFR 1926, Subpart X	Ladders
o.	29 CFR 1926, Subpart Z	Toxic and Hazardous Substance
p.	40 CFR 50.6	National Primary and Secondary Ambient Air Quality Standards for Particulate Matter
q.	40 CFR 260	Hazardous Waste Management System: General
r.	40 CFR 261	Identification and Listing of Hazardous Waste
s.	40 CFR 262	Standards Applicable to Generators of Hazardous Waste
t.	40 CFR 263	Standards Applicable to Transporters of Hazardous Waste
u.	40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
v.	40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
w.	40 CFR 268	Land Disposal Restrictions
x.	40 CFR 700	Toxic Substances Control Act (TSCA)
y.	40 CFR 761	PCBs Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
z.	49 CFR 105	Hazardous Materials Program. Definitions and General Procedures
aa.	49 CFR 171	General Information, Regulations and Definitions
bb.	49 CFR 172	Hazardous Material Tables. Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
cc.	49 CFR 173	Shippers-General Requirements for Shipments and Packagings
dd.	49 CFR 177	Carriage by Public Highway
ee.	49 CFR 178	Specifications for Packaging's

3. NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

a. Publication Number 87-10B Respiratory Decision Logic
b. NIOSH/OSHA Booklet 3142 Lead in Construction

c. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH Publication 85-115)

4. U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

a. PUB 3126 Working with Lead in the Construction Industry
b. 29 CFR 1910, Subpart I, Appendix B-Non-Mandatory Compliance Guidelines for Hazard Assessment and Personal Protective Equipment Selection

5. REGULATIONS OF CONNECTICUT STATE AGENCIES (RCSA)

a. Hazardous Waste 22a-449(c)-100 through 119
b. Hazardous Waste Transporter Permits 22a-449(c)-11
c. Permit Fees for Hazardous Waste Materials Management 22a-454-1

6. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY GUIDANCE

a. Polychlorinated Biphenyl (PCB) Site Revitalization Guidance Under the Toxic Substances Control Act

1.5 POSTING AND RECORD MAINTENANCE REQUIREMENTS

A. The following items shall be conspicuously displayed proximate to but outside of remediation work areas. The contractor shall assure that the posted regulations are not altered, defaced or covered by other materials.

B. Exit Routes

1. Emergency exit procedures and routes

C. Emergency Phone Numbers

1. A list Indicating the telephone numbers and locations of the local hospital(s); the local emergency squad; the local fire department; the local police department; the Poison Control Center; Chemical Transportation Emergency Center (CHEMTREC); the Connecticut State Department of Public Health's office; the contractor (on-site and after hours numbers); and the environmental consultant (on-site and after hours numbers).

D. Warning Signs

1. Warning signs shall be In English and the language of any workers on-site who do not speak English, and be of sufficient size to be clearly legible and display the following:

WARNING:
HAZARDOUS WASTE WORK AREA
PCBs-POISON
NO SMOKING, EATING OR DRINKING
AUTHORIZED PERSONNEL ONLY
PROTECTIVE CLOTHING IS REQUIRED IN THIS AREA

E. Items Available On-Site

1. The contractor shall maintain the following items on-site and available for review by all employees and authorized visitors:

   a. Project Health and Safely Plan (HASP)
   b. Certificates of Training for all workers and the project Supervisor
   c. Codes, Standards and Publications

      1) Copies of applicable codes, standards, and publications

   d. MSDS

      1) Material Safety Data Sheets (MSDS) for all chemicals used during the project.

   e. Compliance Programs

      1) Copies of the contractor's written hazard communication, respiratory protection, and confined space entry programs.

1.6 MINIMUM REQUIREMENTS FOR WORKER HEALTH AND SAFETY

A. GENERAL

1. The contractor is responsible and liable for the health and safety of all on-site personnel and the off-site community affected by the project. All on-site workers or other persons entering the remediation/abatement work areas, decontamination areas or waste handling and staging areas shall be knowledgeable of and comply with the requirements of the site-specific Health and Safety Plan (HASP) at all times. The contractor's HASP shall comply with all applicable federal, state and local regulations protecting human health and the environment from the hazards posed by the work to be performed under this project.

2. The contractor shall not initiate on-site work in the contaminated areas until the HASP has been finalized, and approved by the Owner’s Consultant.

3. Consistent disregard for the provisions of the HASP shall be deemed as sufficient cause for immediate stoppage of work and termination of the Contract or any Subcontracts without compromise or prejudice to the rights of the Owner or the Architect.

4. Any discrepancies between the contractor's HASP and these specifications or federal and state regulations shall be resolved in favor of the more stringent requirements that provide the highest degree of protection to the project personnel and the surrounding community and environment, as determined by the Owner’s Consultant.

5. In addition to exposure concerns relating to the presence of PCBs, other health and safety considerations will apply to the work. The contractor shall be responsible for recognizing such hazards and shall be responsible for the health and safety of contractor employees at all times. It is the contractor's responsibility to comply with all applicable health and safety regulations.

B. HEALTH AND SAFETY PLAN

1. The contractor shall prepare and submit a site-specific Health and Safety Plan (HASP) to the Owner's Consultant a minimum of twenty one (21) business days prior to commencement of remediation work. The HASP shall govern all work conducted at the site during the remediation of caulk and related debris: waste handling, sampling, and management; and waste transportation.

2. At a minimum, the HASP shall address the requirements set forth in 29 CFR 1910.120, as further outlined below:

   a. Health and Safety Organization
   b. Site Description and Hazard Assessment
   c. Training (asbestos abatement and HAZWOPPER)
   d. Medical Surveillance
   e. Work Areas
   f. Personal Protective Equipment
   g. Personal Hygiene and Decontamination
   h. Standard Operating Procedures and Engineering Controls
   i. Emergency Equipment and First Aid Provisions
   j. Equipment Decontamination
   k. Exposure Monitoring
   l. Telephone List
   m. Emergency Response and Evacuation Procedures and Routes
   n. Site Control
   o. Permit-Required Confined Space Procedures (If Applicable)
   p. Spill Containment Plan
   q. Heat and Cold Stress
   r. Record Keeping
   s. Community Protection Plan
   t. Decontamination of steel lintels and I-Beams

3. The HASP shall be reviewed by all persons prior to entry into the remediation/abatement, decontamination, or waste staging areas, whether a representative of the contractor, owner, architect/engineer, environmental consultant, subcontractors, waste transporter, or federal, state, or local regulatory agency. Such review shall be acknowledged and documented by the contractor's Health and Safety Officer by obtaining the name, signature and affiliation of all persons reviewing the HASP.

4. The HASP shall be maintained so as to be readily accessible and reviewable by all site personnel throughout the duration of the-remediation project and until all waste materials are removed from the site and disposed of at the appropriate disposal facility.

5. The Contractor's on-site Health and Safety Officer shall be responsible for ensuring that project personnel and site visitors are informed of and comply with the provisions of the HASP at all times during the project.

C. WORK AREAS

1. The contractor shall establish and clearly identify work areas in the field. Access by equipment, site personnel, and the public to the work areas shall be limited as follows:

   a. Abatement Zone-The Abatement Zone(s) shall consist of all areas where remediation, waste handling and staging activities are ongoing and the

immediately surrounding locale or other areas where contamination could occur. Each Abatement Zone shall be visibly delineated with orange construction fencing at a minimum, and restricted from access by all persons except those directly necessary to the completion of the respective remediation tasks. The Abatement Zones shall be relocated and delineated as necessary as work progresses from one portion of the project site to another, to limit access to each remediation area and to minimize risk of exposure to site workers and the general public. Access shall be controlled at the periphery of the Abatement Zones to regulate the flow of personnel and equipment into and out of each zone and to help verify that proper procedures for entering and exiting are followed. All persons within the Abatement Zones shall have all required training and wear the appropriate level of protection established in the HASP.

b. Decontamination Zone-The Decontamination Zone is the transition zone between the remediation area and the clean support zone of the project site, and is intended to reduce the potential for contaminants from being dispersed from the Abatement Zone to clean areas of the site. The Decontamination Zone shall consist of a buffer area surrounding each Abatement Zone through which the transfer of equipment, materials, personnel and containerized waste products will occur and in which decontamination of equipment, personnel, and clothing will occur, The Decontamination Zones shall be clearly delineated with orange construction fencing at a minimum and labeled with signage as provided in Part 1.6 of this Section. All emergency response and first aid equipment shall be readily maintained in these Zones. All protective equipment and clothing shall be removed or decontaminated in the Decontamination Zone prior to exiting to the Support Zone.

c. Support Zone-The Support Zone will consist of the area outside the Decontamination Zones and the remainder of the project site. Administrative and other support functions and any activities that by nature need not be conducted in the Abatement or Decontamination Zone related to the project shall occur in the Support Zone. Access to the Abatement and Decontamination Zones shall be controlled by the Health and Safety Officer and limited to those persons necessary to complete the remediation work and who have reviewed and signed the HASP.

D. PERSONNEL PROTECTIVE EQUIPMENT

1. The contractor shall be responsible to determine and provide the appropriate level of personal protective equipment in accordance with applicable regulations and standards necessary to protect the contractor's employees and the general public from all hazards present.

2. The contractor shall provide all employees with the appropriate safety equipment and protective clothing to ensure an appropriate level of protection for each task, taking into consideration the chemical, physical, ergonomic and biological hazards posed by the site and work activities.

3. The contractor shall establish in the HASP criteria for the selection and use of personal protective equipment (PPE).

4. The PPE to be utilized for the project shall be selected based upon the potential hazards associated with the project site and the work to be performed. Appropriate protective clothing shall be worn at all times within the Abatement Zone.

5. The contractor shall provide the appropriate level of respiratory protection to all field personnel engaged in activities where respiratory hazards exist or there is a potential for such hazard to exit.

6. The contractor shall provide, as necessary, protective coveralls, disposable gloves and other protective clothing for all personnel that will be actively involved in remediation activities or waste handling activities or otherwise present in the Abatement Zones. Coveralls shall be of Tyvek or equivalent material. Should the potential for exposure to liquids exist, splash-resistant disposable suits shall be provided and utilized.

7. Protective coveralls, and other protective clothing shall be donned and removed within the Decontamination Zone and shall be disposed of at the end of each day. Ripped coveralls shall be immediately replaced after appropriate decontamination has been completed to the satisfaction of the Health and Safety Officer. Protective clothing shall not be worn outside of the Decontamination Zone.

8. Hard Hats, protective eyewear, rubber boots, and/or other non-skid footwear shall be provided by the contractor as required for workers and authorized visitors, Safety shoes and hard hats shall be in conformance with ANSI Z89.1 (1969) and ANSI 241.1 (1967), respectively.

9. All contaminated protective clothing, respirator cartridges, and disposable protective items shall be placed into proper containers to be provided by the contractor for transport and proper disposal in accordance with 40 CFR 761.61(a)(5)(v)(A).

E. EMERGENCY EQUIPMENT AND FIRST AID REQUIREMENTS

1. The contractor shall provide and maintain at the site, at a minimum, the following Emergency and First Aid Equipment:

   a. Fire Extinguishers: A minimum of one (1) fire extinguisher shall be supplied and maintained at the site by the contractor throughout the duration of the project. Each extinguisher shall be a minimum of a 20-pound Class ABC dry fire extinguisher with Underwriters Laboratory approval per 29 CFR 1910.157.]

   b. First Aid Kit: A minimum of one (1) first aid kit meeting the requirements of 29 CFR 1910.151 shall be supplied and maintained at the site by the contractor throughout the duration of the project.

   c. Communications: A telephone communications (either cellular or land line) shall be provided by the contractor for use by site personnel at all times during the project.

2. The Health and Safety Officer shall be notified immediately in the event of personal injury, potential exposure to contaminants, or other emergency. The Health and Safety Officer shall then immediately notify the Owner's Consultant of same.

3. If a member of the work crew demonstrates symptoms of heat or cold stress, injury, chemical exposure or other similar issue, another team member present within the delineated abatement zone (i.e., suitably equipped with appropriate PPE provisions) should remove the affected person from the delineated work site and signal/communicate to the Health and Safety Officer of the incident. Precautions should be taken to avoid exposure of other individuals to contaminated media.

4. An evaluation of the person's condition shall be made by the Health and Safety Officer, to determine the appropriate course of action to administer first aid or other emergency response provision. The Health and Safety Officer shall assess the seriousness of the injury, give first aid treatment if appropriate, and arrange for appropriate emergency response from outside emergency services, it warranted.

5. If soiled clothing cannot be removed, the injured person will be wrapped in a blanket while transported from the site.

6. The Health and Safety Officer shall monitor the affected person to determine whether there are symptoms resulting from the exposure or injury. If there is a visible manifestation of exposure such as skin irritation, the affected party shall be referred to a medical facility for treatment and evaluation as to whether the manifestation may be indicative of a delayed or acute exposure, a secondary response to exposure such as skin infection or occupational dermatitis. All incidents of injuries and/or obvious chemical exposure shall be evaluated by the Health and Safety Officer and the Owner's Consultant to determine whether modifications to work practices and/or protective provisions are warranted.

F. STANDARD SAFETY AND HEALTH PROCEDURES AND ENGINEERING CONTROLS

1. The following provisions shall be employed to promote overall safety, personnel hygiene and personnel decontamination:

   a. Each contractor or subcontractor shall ensure that all safety equipment and protective clothing to be utilized by its personnel is maintained in a clean and readily accessible manner at the site.

   b. All prescription eyeglasses in use on this project shall be safety glasses conforming to ANSI Standard Z87.1. No contact lenses shall be allowed on the site.

   c. Prior to exiting the delineated Decontamination Zone(s), all personnel shall remove protective clothing, and place disposable items in appropriate disposal containers to be dedicated to that purpose. Following removal of PPE, personnel shall thoroughly wash and rinse their face, hands, arms and other exposed areas with soap and tap water wash and subsequent tap water rinse. A fresh supply of tap water shall be provided at the site on each work day by the Contractor for this purpose.

   d. All PPE used on site shall be decontaminated or disposed of at the end of each work day. Discarded PPE shall be placed in sealed CTDOT-approved 55-gallon barrels for off-site disposal.

   e. Respirators shall be dedicated to each employee, and not interchanged between workers without cleaning and sanitizing.

   f. Eating, drinking, chewing gum or tobacco, smoking, and any other practice that increases the likelihood of hand to mouth contact shall be prohibited within the delineated remediation and decontamination work zones. Prior to performing these activities, each employee shall thoroughly cleanse their face, hands, arms and other exposed areas.

g. All personnel shall thoroughly cleanse their face, hands, arms and other exposed areas prior to using toilet facilities.

h. No alcohol, tobacco, illicit drugs or firearms will be allowed on the site at any time.

i. All personnel that are on non-prescription (i.e., over-the-counter) or prescription medication of any kind shall notify the Health and Safety Officer prior to conducting work at the site. The Health and Safety Officer will make a determination as to whether such individuals will be allowed to work on the site, and, if so, in what capacity. The Health and Safety Officer may require signed documentation from the Individual's personal physician stating what limitations may be posed by the medication or condition that may apply to that individual's work activities.

j. Contact with potentially contaminated surfaces should be avoided, if possible. Field personnel should minimize walking through standing water/puddles, mud or other wet or discolored surfaces; kneeling on ground; and placing equipment, materials or food on ground or other potentially contaminated surface.

k. The use of the "Buddy System"` shall be employed at all times while conducting work at the site. Each employee shall frequently monitor other workers for signs of heat stress or chemical exposure or fatigue; periodically examine others PPE for signs of wear or damage; routinely communicate with others; and notify the Site Safety Officer in the case of an emergency.

PART 2 - PRODUCTS

2.0 MATERIALS AND EQUIPMENT

A. All materials shall be delivered in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name.

B. House Keeping of Work Site

1. The Contractor shall keep all surfaces as free as practical from accumulations of caulk, brick debris, mortar debris, and other waste materials during the remediation work.
2. All loose caulk, brick, mortar, and other debris shall be thoroughly collected and securely containerized in the final waste receptacles at the conclusion of each work day.
3. All disposable personal protective equipment shall be placed in the designated waste receptacles at the conclusion of each workday or at any time that such items are removed or changed.

C. Damaged or deteriorating materials shall not be used and shall be removed from the premises. Materials that become contaminated with asbestos shall be decontaminated or disposed of as asbestos waste.

D. Polyethylene sheet in a roll size to minimize the frequency of joints shall be delivered to job site with factory label indicating four (4) or six (6) mil.

E. Tape or adhesive spray will be capable of sealing joints in adjacent polyethylene sheets and for attachment of polyethylene sheets to finished or unfinished surfaces of dissimilar materials and capable of adhering under both dry and wet conditions, including use of amended water.

F. All proper labeling and placards for waste receptacles shall be maintained on site in a sufficient quantity to support the project.

G. Orange construction fence and sufficient fence posts/stakes shall be maintained on site in a sufficient quantity to support the project.

2.1 TOOLS AND EQUIPMENT

Provide suitable tools for PCB removal. Maintain a sufficient quantity of hand, pneumatic, electric tools to facilitate removal of PCB caulk, window frames and sashes, doorframes and louvers.

A. The Contractor shall have air monitoring equipment of type and quantity to monitor operations and conduct personnel exposure surveillance per OSHA requirements.

B. The Contractor shall have available sufficient inventory on site for materials necessary for the job including protective clothing, respirators, filter cartridges, polyethylene sheeting of proper size and thickness, tape, and air filters.

C. The Contractor shall provide temporary electrical power sources such as generators (when required).

D. Vacuum units, of suitable size and capacities for project, shall have HEPA filter(s) capable of trapping and retaining at least 99.97 percent of all mono-dispersed particles of 0.3 micrometers in diameter or larger.

E. Negative air equipment of suitable size and capacities for project, shall have HEPA filter(s) capable of trapping and retaining at least 99.97 percent of all mono-dispersed particles of 0.3 micrometers in diameter or larger.

PART 3 - EXECUTION

3.0 ABATEMENT ZONE WORK AREA PREPARATION

A. The section of the building under remediation will be secured by an orange construction fence that surrounds the various areas while they are under remediation to prevent unauthorized access.

B. The Remediation Contractor will set up polyethylene isolation barriers (critical barriers) with six (6)-mil polyethylene sheeting on the windows and doors from inside the building to separate work areas from other areas within the building.

C. Prior to remediation, the Remediation Contractor shall establish the Abatement Zone, Decontamination Zone and Support Zone in accordance with this Specification.

D. Within each Abatement Zone, shut down and/or isolate heating, cooling, and ventilation air systems or zones to prevent contamination and dispersal of PCB to other areas of the structure. Lock and tag out circuits associated with heating and cooling units.

E. Materials scheduled for remediation will be remediated within work area containments consisting of two (2) layers of six (6)-mil polyethylene sheeting (or equivalent) as "isolation" barriers.

F. The ground surface shall be protected from contamination by covering it with two (2) layers of six (6) mil polyethylene sheeting (or equivalent) at least ten (10) feet from the exterior wall and one (1) foot up the wall (except for soil remediation).

G. All openings to the building within work area containments such as doors, windows, vents, louvers etc. shall be securely sealed with a single layer of 6-mil polyethylene sheeting.

H. Ground protection and isolation barriers shall remain in place throughout work to collect debris resulting from PCB remediation. All debris generated during operations including but not limited to visible caulk/glazing compound, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of the work shift to avoid accumulation. Any tears or rips that occur in polyethylene barriers shall be repaired or removed and replaced with new protections.

I. All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.

J. Post all approaches to each work area with PCB Warning signs. Warning signs shall be of size and type that are easily readable and are visible from all approaches to the work areas.

K. Each work area shall contain an access log in order to maintain a list of personnel accessing the work area. Each person entering and exiting the work area shall sign the access log.

3.1 DECONTAMINATION ENCLOSURE SYSTEMS

A. The Contractor shall establish a three-chamber personnel and equipment decontamination enclosure system associated with each work area. Access between the contaminated and uncontaminated areas shall be through this decontamination enclosure only. The decontamination system shall be constructed of two layers of six (6)-mil polyethylene sheeting (or equivalent) and will have "dirty room" "shower room" and "clean room" in succession walking from the work area to outside. The "shower room" shall have provision from hot and cold water.

B. Equipment to be utilized in connection with the caulk and glazing remediation, waste collection, or that will or may come in direct contact with the site contaminants shall be decontaminated prior to leaving the site to prevent migration of the contaminated residues from the project site. The Remediation Contractor shall address the specifics of equipment decontamination in their Site Specific Health and Safety Plan.

C. All non-disposable equipment and tools employed in the course of the project will be cleaned and left inside of the work area containment at the conclusion of each work day through the following sequence:

1. Initial tap water rinse, to remove gross debris
2. Tap water and Alconox wash
3. Second tap water rinse
4. Second tap water and Alconox wash
5. Final tap water rinse

D. The wash water and decontamination liquids shall be captured and containerized in 55-gallon barrels for off-site disposal.

3.2 REMEDIATION OF WINDOW SYSTEMS

A. The Remediation Contractor shall establish the Abatement Zone and Decontamination Zone in accordance with this Specification prior to the remediation of window and door systems.

B. The Remediation Contractor shall remove operable steel sashes with grey glazing compound from window openings and wrap and seal with two (2) layers of six (6) mil polyethylene (or equivalent) sheeting for disposal in accordance with the Site Characterization presented in Section 1.3 of this specification. If fixed sashes are present, remove with window sash with the window frame.

C. The Remediation Contractor shall remove steel window frames with grey caulking compound from window openings and wrap and seal with two (2) layers of six (6) mil polyethylene sheeting (or equivalent) for disposal in accordance with the Site Characterization presented in Section 1.3 of this specification. If fixed sashes are present, removed the sash with the frame and seal.

D. The remediation Contractor shall remove fasteners from window frames to facilitate removal of the frames. Where necessary, cut window frames into manageable sections. Dispose of in accordance with the Waste Characterization presented in Section 1.3 of this specification.

3.3 REMEDIATION OF SEAM CAULKS

A. The Remediation Contractor shall establish the Abatement Zone and Decontamination Zone in accordance with this Specification prior to the remediation of seam caulks.

B. The Remediation Contractor shall remove seam caulks from the foundation seams, the seams and cracks in walls, and the expansion joints in conjunction with the remediation of PCB contaminated substrates specified in Section 3.6 below and dispose of in accordance with the Waste Characterization presented in Section 1.3 of this specification.

3.4 REMEDIATION OF PCB CONTAMINATED SUBSTRATES FROM WINDOW OPENINGS

A. The Remediation Contractor shall establish the Abatement Zone and Decontamination Zone in accordance with this Specification prior to the remediation of window caulks and contaminated substrates.

B. Brick and mortar previously in contact with grey window caulk (Course 1) will be assumed to be contaminated by the caulk. After the removal of window systems, course 1 brick and mortar shall be removed from window openings and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.

C. Course 2 brick and mortar shall be removed from the window opening at Façade B (north side) of the building and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.

3.5 REMEDIATION OF CAULK AND PCB CONTAMINATED SUBSTRATES FROM SEAMS

A. The Remediation Contractor shall establish the Abatement Zone and Decontamination Zone in accordance with this Specification prior to the remediation of seam caulks and contaminated substrates.

B. Brick and mortar previously in contact with grey seam caulk in the foundation seams, the exterior wall seams and cracks, and the expansion joint (Course 1) will be assumed to be contaminated by the caulk.

C. Concrete previously in contact with grey seam caulk in the foundation seams, the exterior wall seams and cracks, and the expansion joint (Course 1) will be assumed to be contaminated by the caulk on Façade D (south side) only.

1. Course 1 brick and mortar shall be removed from either side of the caulked cracks and seams in the exterior walls of the building along with the caulk and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.
2. Course 1 brick and mortar shall be removed from either side of the caulked expansion joint on the exterior wall of the building along with the caulk and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification. Course 1 concrete shall be removed from the bottom of the caulked expansion joint where it contacts the foundation and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.
3. Course 1 brick and mortar shall be removed from the top of the caulked foundation seams on the exterior wall of the building along with the caulk and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification. Course 1 concrete shall be removed from the bottom of the caulked foundation caulk where it contacts the foundation on Side D only and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.
4. Course 1 concrete shall be removed from either side of the caulked seams in the exterior foundation walls of Side D (south side) the building along with the caulk and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.
5. Residual caulk shall be cleaned from the concrete where caulk has been removed on Side B.

D. Steel lintels and I-Beams previously in contact with grey seam caulk on Side B (north side) will be cleaned of contamination using solvents as required.

3.6 REMEDIATION OF PCB CONTAMINATED SOIL

A. The Remediation Contractor shall establish the Abatement Zone and Decontamination Zone in accordance with this Specification prior to the remediation of PCB contaminated soil.

B. Soil shall be removed from Areas 2, 4, 5, 6, and 7 at Façade D (south side) of the building and handled and disposed of in accordance with the Waste Characterization presented in Section 1.3 of this specification.

C. The Remediation Contractor shall remove soil down to a depth of four (4) inches from the surface using a flat shovel.

D. The Remediation Contractor shall begin soil removal at the closest point to the building working outward and away from the building. The Remediation Contractor shall avoid tracking back over remediated soil areas.

E. The Remediation Contractor shall immediately containerize soil for disposal as PCB Remediation waste. Properly label containers prior to removal from the Abatement Zone.

F. Soil disposal containers shall be thoroughly decontaminated prior to transport from the Decontamination Zone.

G. Verification soil sampling will be performed in accordance with 40 CFR 761 Subpart O.

3.7 ON-SITE WASTE MANAGEMENT

A. SOLID HAZARDOUS WASTES

1. All solid waste material containment system components, used personnel protective equipment, and other solid wastes generated during the work, shall be placed directly in appropriate waste receptacles immediately upon removal from its in-situ position. Suitable waste receptacles may consist of roll-off containers or CTDOT-approved 55-gallon barrels.

2. If roll-off containers are to be utilized for containerization of the remediation wastes, the following shall apply:

    a. All roll off containers or other similar vessels utilized shall be leak tight and lined with 6-mil polyethylene sheeting or equivalent impermeable lining, and equipped with a secured and impermeable cover.

    b. The impermeable cover shall remain securely in place at all times when material is not being actively placed in the vessels. The contractor shall be responsible for ensuring that the cover remains securely intact until the container is removed from the site.

3. If 55-gallon barrels are to be utilized for waste containerization, the barrels shall consists of suitable DOT-approved 55-gallon barrels that are watertight and free of corrosion, perforations, punctures, or other damage. All barrels shall have ring lock lids and shall be sealed at the conclusion of each work day.

4. The waste containers shall remain staged at the site with a secure impermeable cover in place until the materials are transported from the site to be delivered to the designated disposal facility.

5. A waste roll off and barrel staging area shall be designated prior to initiation of the remediation work, and approved by the Owner's Consultant.

6. The waste stream classifications are summarized in Section 1.2.F of this specification.

B. DECONTAMINATION FLUIDS AND LIQUID WASTE MATERIALS

1. Under no circumstances shall decontamination fluids or liquid wastes be discharged to the ground surface or subsurface at the site.

2. Liquid materials, including equipment or personal decontamination fluids or similar liquids generated during work at the site shall be placed directly into appropriately sized and sealed vessels immediately upon generation.

3. Acceptable vessels for the storage of liquid wastes may include DOT approved 55-gallon barrels, steel or polyethylene tanks, fractioning tanks or tank trucks. All proposed vessels shall be compatible with the intended liquid contents.

4. Container staging areas shall be designated prior to initiation of the removal work and approved by the Owner's Consultant.

5. All storage vessels to be used in the containerization and transportation of liquid waste materials shall be free of corrosion, perforations, punctures or other condition that may impair its ability to securely contain liquid.

6. Temporary staging of liquid waste vessels at the site shall be in a manner that will prevent freezing of contained liquids. Should the potential exist for liquid containers to freeze during exterior storage at the site, arrangements shall be made with the Owner's Consultant to identify and utilize an appropriate alternate storage location acceptable to the Owner's Consultant.

7. All liquid storage vessels utilized and staged at the site shall be stored in an area on the property that will not interfere with facility operations or normal flow of vehicle or pedestrian traffic, and in a manner that will minimize the potential for tipping, vandalism or damage by vehicular traffic.

8. All characterization of waste, testing, analytical fees for disposal purposes shall be borne by the Remediation Contractor.

C. LABELING OF WASTE CONTAINERS

1. Labeling and marking of PCB Wastes shall be in accordance with 40 CFR 761.40 and 40 CFR 761.45.

3.8 WASTE TRANSPORTATION AND DISPOSAL

A. All waste packaging, labeling and transportation activities shall be performed in accordance with applicable State of Connecticut and US Department of Transportation Regulations at 49 CFR Parts 171, 172, 173, 177, and 178, and any and all other applicable federal, state and local laws and regulations.

B. All hazardous wastes shall be shipped using state-specific standard manifest documents. The Contractor shall supply and complete the manifest documents in accordance with all applicable state and federal regulations. All manifest documents shall be signed by a representative of the Owner and appropriate copes shall be provided to the Owner's representative prior to removing the waste from the site.

C. The Contractor or their designated waste disposal subcontractor providing waste transportation services shall possess a valid Waste Hauler's Permit issued by the State of Connecticut Department of Energy Environmental Protection (CTDEEP). In addition, if the waste is to be transported and disposed of out of Connecticut State, applicable permits for those states or territories through which the waste will be transported and for where it will be disposed will be required. It is the responsibility of the Contractor to identify the appropriate disposal facility and

associated travel route(s) and to identify the pertinent permits that will be required and to provide copies of the applicable permits to the Owner's Consultant prior to removing the waste from the site.

D. The Remediation Contractor shall be responsible for applying for, obtaining and payment of all permits and temporary hazardous waste generator identification numbers to support the project.

E. Refer to Section 02080 Asbestos Removal for additional requirements.

3.9 CERTIFICATION OF REMEDIATION WORK

A. The Contractor shall certify in writing to the Owner's Consultant that all remediation work and waste disposal has been completed in accordance with this specification and all applicable federal and state regulations.

B. The Contractor shall certify in writing to the Owner's Consultant that each piece of equipment used in the Abatement zones or which has come in or potential come Into contact with contaminated material has been decontaminated prior to removal from the site.

3.10 OWNER'S CONSULTANT POST REMEDIATION VERIFICATION

A. Upon completion of work, a thorough visual inspection of all remediated surfaces for visible evidence of dust and debris shall be performed. Surfaces shall also be inspected for visible PCB source materials that may not have been removed.

B. Visual inspection shall ensure that no visible dust or debris is present on adjacent surfaces where sources and substrates were removed. In addition to the remediated surfaces, the surfaces of protective coverings and isolation barriers shall be inspected to ensure they are cleaned of dust and debris.

C. Since scheduled window systems, doorframes, ventilation louvers, portable A/C units, and all substrate materials in contact with source materials that contain PCB in excess of one (1) ppm will be removed in their entirety, the visual inspection shall provide verification that remediation work has been completed in accordance with this SIP.

D. Upon successful completion of the visual inspection, sampling in accordance with the requirements of 40 CFR Subpart O will be conducted in Areas 2, 4, 5, 6, and 7 to verify completion of the soil remediation. Sampling of the soil in accordance with 40 CFR Subpart N will be conducted in Areas 1 and 3 to verify that the soil is not contaminated.

E. Wipe sampling of encapsulated substrate surfaces shall also be performed. This shall include structural steel if applicable and interior CMU/mortar. Wipe samples shall be chemically extracted for PCBs using Methods 3500B/3540C of SW-846. Samples shall be analyzed utilizing Method SW-846 8082.

END OF SECTION 02110

APPENDIX E

CONTRACTOR'S HEALTH & SAFETY PLAN (HASP)(TO BE PREPARED BY THE SELECTED CONTRACTOR)